

May 17, 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:** 11050704

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 5/13/2011 3:45:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

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

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

Sincerely,



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



## Report Contents

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050704

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

**Report Date:** 17-May-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/>

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**Report Date:** 17-May-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

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Work Order: 11050704

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

Report Date: 17-May-11

Lab ID: 11050704-001

Client Sample ID: P9-G1.5-F (14 ft)

Matrix: SOLID

Collection Date: 05/13/2011 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		13.9	%	1	05/13/2011 16:00	R149465
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		86.1	%	1	05/13/2011 16:00	R149394
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.581		Interference	mg/Kg-dry	1	05/16/2011 9:53	R149512
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.58		< 0.58	mg/Kg-dry	1	05/16/2011 9:53	R149512
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.36		7.27	mg/Kg-dry	1	05/16/2011 12:35	68181
Barium	NELAP	0.47		25.7	mg/Kg-dry	1	05/16/2011 12:35	68181
Cadmium	NELAP	0.19		0.20	mg/Kg-dry	1	05/16/2011 12:35	68181
Chromium	NELAP	0.94		19.1	mg/Kg-dry	1	05/16/2011 12:35	68181
Lead	NELAP	3.77		12.6	mg/Kg-dry	1	05/16/2011 12:35	68181
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	05/16/2011 12:35	68181
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.577	S	< 0.577	mg/Kg-dry	1	05/16/2011 12:59	68180
<i>Se- Matrix interference present in sample.</i>								
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012	J	0.008	mg/Kg-dry	1	05/16/2011 10:20	68186
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.73	#	7.22	mg/Kg-dry	1	05/16/2011 13:52	68191
Kerosene	NELAP	5.73		ND	mg/Kg-dry	1	05/16/2011 13:52	68191
Mineral Spirits	NELAP	5.73		ND	mg/Kg-dry	1	05/16/2011 13:52	68191
Motor Oil	NELAP	5.73		ND	mg/Kg-dry	1	05/16/2011 13:52	68191
Surr: n-Tetracontane		50.6-140		82.6	%REC	1	05/16/2011 13:52	68191
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 10:09	68175
Acenaphthylene	NELAP	0.004		0.023	mg/Kg-dry	1	05/16/2011 10:09	68175
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 10:09	68175
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 10:09	68175
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 10:09	68175
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 10:09	68175
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 10:09	68175
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 10:09	68175
Bis(2-ethylhexyl)phthalate	NELAP	0.078		ND	mg/Kg-dry	1	05/16/2011 10:09	68175
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 10:09	68175
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 10:09	68175
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 10:09	68175
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 10:09	68175
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 10:09	68175
Naphthalene	NELAP	0.004	S	1.14	mg/Kg-dry	1	05/16/2011 10:09	68175
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 10:09	68175
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 10:09	68175
Surr: 2-Fluorobiphenyl		10-131		60.9	%REC	1	05/16/2011 10:09	68175
Surr: Nitrobenzene-d5		10-132		69.5	%REC	1	05/16/2011 10:09	68175
Surr: p-Terphenyl-d14		30.6-131		104.0	%REC	1	05/16/2011 10:09	68175

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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 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	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
1,2-Dichlorobenzene	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
1,3-Dichlorobenzene	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
1,4-Dichlorobenzene	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
2,4,5-Trichlorophenol	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
2,4,6-Trichlorophenol	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
2,4-Dichlorophenol	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
2,4-Dimethylphenol	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
2,4-Dinitrophenol	NELAP	1.16		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
2,4-Dinitrotoluene	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
2,6-Dinitrotoluene	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
2-Chloronaphthalene	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
2-Chlorophenol	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
2-Methoxy-4-methylphenol		0.753		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
2-Methylnaphthalene	NELAP	0.405	J	0.15	mg/Kg-dry	1	05/14/2011 12:24	68174
2-Nitroaniline	NELAP	1.16		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
2-Nitrophenol	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
3,3'-Dichlorobenzidine	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
3-Nitroaniline	NELAP	1.16		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
4,6-Dinitro-2-methylphenol	NELAP	1.16		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
4-Bromophenyl phenyl ether	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
4-Chloro-3-methylphenol	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
4-Chloroaniline	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
4-Chlorophenyl phenyl ether	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
4-Nitroaniline	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
4-Nitrophenol	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Aniline	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Azobenzene		0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Benzidine	NELAP	1.22		see note	mg/Kg-dry	1	05/14/2011 12:24	68174
Benzoic acid	NELAP	1.74		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Benzyl alcohol	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Bis(2-chloroethoxy)methane	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Bis(2-chloroethyl)ether	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Bis(2-chloroisopropyl)ether	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Butyl benzyl phthalate	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Carbazole		0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Dibenzofuran	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Diethyl phthalate	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Dimethyl phthalate	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Di-n-butyl phthalate	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Di-n-octyl phthalate	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Hexachlorobenzene	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Hexachlorobutadiene	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Hexachlorocyclopentadiene	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Hexachloroethane	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174

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Collection Date: 05/13/2011 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>								
Isophorone	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
m,p-Cresol	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Nitrobenzene	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
N-Nitrosodimethylamine	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
N-Nitroso-di-n-propylamine	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
N-Nitrosodiphenylamine	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
o-Cresol	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Pentachlorophenol	NELAP	2.32		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Phenol	NELAP	0.405		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Pyridine	NELAP	0.579		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
1,2-Diphenylhydrazine		0.973		ND	mg/Kg-dry	1	05/14/2011 12:24	68174
Surr: 2,4,6-Tribromophenol		32.7-130		92.7	%REC	1	05/14/2011 12:24	68174
Surr: 2-Fluorobiphenyl		34.1-116		70.1	%REC	1	05/14/2011 12:24	68174
Surr: 2-Fluorophenol		30.5-99		68.3	%REC	1	05/14/2011 12:24	68174
Surr: Nitrobenzene-d5		34.1-101		67.0	%REC	1	05/14/2011 12:24	68174
Surr: Phenol-d5		34.9-110		68.1	%REC	1	05/14/2011 12:24	68174
Surr: p-Terphenyl-d14		41.7-124		85.5	%REC	1	05/14/2011 12:24	68174

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	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,1,1-Trichloroethane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,1,2,2-Tetrachloroethane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,1,2-Trichloro-1,2,2-trifluoroethane		103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,1,2-Trichloroethane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,1-Dichloro-2-propanone		1030		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,1-Dichloroethane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,1-Dichloroethene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,1-Dichloropropene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,2,3-Trichlorobenzene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,2,3-Trichloropropane	NELAP	207		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,2,3-Trimethylbenzene		103		384	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,2,4-Trichlorobenzene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,2,4-Trimethylbenzene	NELAP	103		179	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,2-Dibromo-3-chloropropane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,2-Dibromoethane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,2-Dichlorobenzene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,2-Dichloroethane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,2-Dichloropropane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,3,5-Trimethylbenzene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,3-Dichlorobenzene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,3-Dichloropropane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1,4-Dichlorobenzene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
1-Chlorobutane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
2,2-Dichloropropane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
2-Butanone	NELAP	1030		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
2-Chlorotoluene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
2-Hexanone	NELAP	1030		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251

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Collection Date: 05/13/2011 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Nitropropane	NELAP	1030		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
4-Chlorotoluene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
4-Methyl-2-pentanone	NELAP	1030		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Acetone	NELAP	1030		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Acetonitrile	NELAP	2070		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Acrolein	NELAP	2070		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Acrylonitrile	NELAP	207		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Allyl chloride	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Benzene	NELAP	20.7		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Bromobenzene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Bromochloromethane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Bromodichloromethane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Bromoform	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Bromomethane	NELAP	207		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Carbon disulfide	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Carbon tetrachloride	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Chlorobenzene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Chloroethane	NELAP	207		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Chloroform	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Chloromethane	NELAP	207		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
cis-1,2-Dichloroethene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
cis-1,3-Dichloropropene	NELAP	82.8		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Cyclohexanone		2070		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Dibromochloromethane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Dibromomethane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Dichlorodifluoromethane	NELAP	207		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Ethyl acetate	NELAP	1030		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Ethyl ether	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Ethyl methacrylate	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Ethylbenzene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Gasoline Range Organics (OA-1)		20700		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Heptane		414		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Hexachlorobutadiene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Hexachloroethane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Iodomethane	NELAP	207		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Isopropylbenzene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
m,p-Xylenes	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Methacrylonitrile	NELAP	1030		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Methyl Methacrylate	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Methyl tert-butyl ether	NELAP	41.4		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Methylacrylate		207		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Methylene chloride	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Naphthalene	NELAP	207		3890	µg/Kg-dry	12.5	05/17/2011 12:22	68251
n-Butylbenzene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
n-Hexane		414		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Nitrobenzene	NELAP	2070		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
n-Propylbenzene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251





## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11050704

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

Report Date: 17-May-11

Lab ID: 11050704-001

Client Sample ID: P9-G1.5-F (14 ft)

Matrix: SOLID

Collection Date: 05/13/2011 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
o-Xylene	NELAP	103	J	42	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Pentachloroethane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
p-Isopropyltoluene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Propionitrile	NELAP	1030		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
sec-Butylbenzene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Styrene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
tert-Butylbenzene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Tetrachloroethene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Tetrahydrofuran	NELAP	1030		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Toluene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
trans-1,2-Dichloroethene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
trans-1,3-Dichloropropene	NELAP	82.8		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
trans-1,4-Dichloro-2-butene	NELAP	207		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Trichloroethene	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Trichlorofluoromethane	NELAP	103		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Vinyl acetate	NELAP	1030		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Vinyl chloride	NELAP	41.4		ND	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Xylenes, Total	NELAP	103	J	42	µg/Kg-dry	12.5	05/17/2011 12:22	68251
Surr: 1,2-Dichloroethane-d4		72.2-131		96.9	%REC	12.5	05/17/2011 12:22	68251
Surr: 4-Bromofluorobenzene		82.1-116		99.3	%REC	12.5	05/17/2011 12:22	68251
Surr: Dibromofluoromethane		77.7-120		95.8	%REC	12.5	05/17/2011 12:22	68251
Surr: Toluene-d8		86-116		99.8	%REC	12.5	05/17/2011 12:22	68251

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11050704

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

Report Date: 17-May-11

Lab ID: 11050704-002

Client Sample ID: P9-G1.5-F (16 ft)

Matrix: SOLID

Collection Date: 05/13/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		12.6	%	1	05/13/2011 16:00	R149465
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		87.4	%	1	05/13/2011 16:00	R149394
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.618		< 0.618	mg/Kg-dry	1	05/16/2011 9:53	R149512
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.62		< 0.62	mg/Kg-dry	1	05/16/2011 9:53	R149512
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		8.36	mg/Kg-dry	1	05/16/2011 12:08	68181
Barium	NELAP	0.49		16.8	mg/Kg-dry	1	05/16/2011 12:08	68181
Cadmium	NELAP	0.20	J	0.16	mg/Kg-dry	1	05/16/2011 12:08	68181
Chromium	NELAP	0.98		17.0	mg/Kg-dry	1	05/16/2011 12:08	68181
Lead	NELAP	3.92		11.5	mg/Kg-dry	1	05/16/2011 12:08	68181
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	05/16/2011 12:08	68181
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	05/16/2011 13:09	68180
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	05/16/2011 10:20	68186
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.65	#	13.2	mg/Kg-dry	1	05/16/2011 14:45	68191
Kerosene	NELAP	5.65		ND	mg/Kg-dry	1	05/16/2011 14:45	68191
Mineral Spirits	NELAP	5.65		ND	mg/Kg-dry	1	05/16/2011 14:45	68191
Motor Oil	NELAP	5.65	#	10.9	mg/Kg-dry	1	05/16/2011 14:45	68191
Surr: n-Tetracontane		50.6-140		87.4	%REC	1	05/16/2011 14:45	68191
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 11:58	68175
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 11:58	68175
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 11:58	68175
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 11:58	68175
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 11:58	68175
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 11:58	68175
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 11:58	68175
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 11:58	68175
Bis(2-ethylhexyl)phthalate	NELAP	0.077		ND	mg/Kg-dry	1	05/16/2011 11:58	68175
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 11:58	68175
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 11:58	68175
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 11:58	68175
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 11:58	68175
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 11:58	68175
Naphthalene	NELAP	0.004	J	0.004	mg/Kg-dry	1	05/16/2011 11:58	68175
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	05/16/2011 11:58	68175
Pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	05/16/2011 11:58	68175
Surr: 2-Fluorobiphenyl		10-131		65.9	%REC	1	05/16/2011 11:58	68175
Surr: Nitrobenzene-d5		10-132		75.1	%REC	1	05/16/2011 11:58	68175
Surr: p-Terphenyl-d14		30.6-131		111.2	%REC	1	05/16/2011 11:58	68175

Client: PSC Industrial Outsourcing, LP

Work Order: 11050704

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

Report Date: 17-May-11

Lab ID: 11050704-002

Client Sample ID: P9-G1.5-F (16 ft)

Matrix: SOLID

Collection Date: 05/13/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
1,2-Dichlorobenzene	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
1,3-Dichlorobenzene	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
1,4-Dichlorobenzene	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
2,4,5-Trichlorophenol	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
2,4,6-Trichlorophenol	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
2,4-Dichlorophenol	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
2,4-Dimethylphenol	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
2,4-Dinitrophenol	NELAP	1.14		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
2,4-Dinitrotoluene	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
2,6-Dinitrotoluene	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
2-Chloronaphthalene	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
2-Chlorophenol	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
2-Methoxy-4-methylphenol		0.744		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
2-Methylnaphthalene	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
2-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
2-Nitrophenol	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
3,3'-Dichlorobenzidine	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
3-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
4,6-Dinitro-2-methylphenol	NELAP	1.14		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
4-Bromophenyl phenyl ether	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
4-Chloro-3-methylphenol	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
4-Chloroaniline	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
4-Chlorophenyl phenyl ether	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
4-Nitroaniline	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
4-Nitrophenol	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Aniline	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Azobenzene		0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Benzidine	NELAP	1.21		see note	mg/Kg-dry	1	05/14/2011 13:59	68174
Benzoic acid	NELAP	1.72		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Benzyl alcohol	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Bis(2-chloroethoxy)methane	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Bis(2-chloroethyl)ether	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Bis(2-chloroisopropyl)ether	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Butyl benzyl phthalate	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Carbazole		0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Dibenzofuran	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Diethyl phthalate	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Dimethyl phthalate	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Di-n-butyl phthalate	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Di-n-octyl phthalate	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Hexachlorobenzene	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Hexachlorobutadiene	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Hexachlorocyclopentadiene	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Hexachloroethane	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Isophorone	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
m,p-Cresol	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174

Client: PSC Industrial Outsourcing, LP

Work Order: 11050704

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

Report Date: 17-May-11

Lab ID: 11050704-002

Client Sample ID: P9-G1.5-F (16 ft)

Matrix: SOLID

Collection Date: 05/13/2011 9:00

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	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
N-Nitrosodimethylamine	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
N-Nitroso-di-n-propylamine	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
N-Nitrosodiphenylamine	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
o-Cresol	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Pentachlorophenol	NELAP	2.29		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Phenol	NELAP	0.401		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Pyridine	NELAP	0.572		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
1,2-Diphenylhydrazine		0.962		ND	mg/Kg-dry	1	05/14/2011 13:59	68174
Surr: 2,4,6-Tribromophenol		32.7-130		95.3	%REC	1	05/14/2011 13:59	68174
Surr: 2-Fluorobiphenyl		34.1-116		75.1	%REC	1	05/14/2011 13:59	68174
Surr: 2-Fluorophenol		30.5-99		71.3	%REC	1	05/14/2011 13:59	68174
Surr: Nitrobenzene-d5		34.1-101		69.8	%REC	1	05/14/2011 13:59	68174
Surr: Phenol-d5		34.9-110		71.9	%REC	1	05/14/2011 13:59	68174
Surr: p-Terphenyl-d14		41.7-124		87.7	%REC	1	05/14/2011 13:59	68174

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	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,1,1-Trichloroethane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,1,2,2-Tetrachloroethane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,1,2-Trichloro-1,2,2-trifluoroethane		3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,1,2-Trichloroethane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,1-Dichloro-2-propanone		39.4		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,1-Dichloroethane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,1-Dichloroethene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,1-Dichloropropene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,2,3-Trichlorobenzene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,2,3-Trichloropropane	NELAP	7.87		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,2,3-Trimethylbenzene		3.94	J	0.92	µg/Kg-dry	1	05/17/2011 13:21	68251
1,2,4-Trichlorobenzene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,2,4-Trimethylbenzene	NELAP	3.94	J	1.0	µg/Kg-dry	1	05/17/2011 13:21	68251
1,2-Dibromo-3-chloropropane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,2-Dibromoethane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,2-Dichlorobenzene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,2-Dichloroethane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,2-Dichloropropane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,3,5-Trimethylbenzene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,3-Dichlorobenzene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,3-Dichloropropane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1,4-Dichlorobenzene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
1-Chlorobutane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
2,2-Dichloropropane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
2-Butanone	NELAP	39.4		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
2-Chlorotoluene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
2-Hexanone	NELAP	39.4		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
2-Nitropropane	NELAP	39.4		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
4-Chlorotoluene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251

Client: PSC Industrial Outsourcing, LP

Work Order: 11050704

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

Report Date: 17-May-11

Lab ID: 11050704-002

Client Sample ID: P9-G1.5-F (16 ft)

Matrix: SOLID

Collection Date: 05/13/2011 9:00

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	39.4		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Acetone	NELAP	39.4	J	11	µg/Kg-dry	1	05/17/2011 13:21	68251
Acetonitrile	NELAP	78.7		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Acrolein	NELAP	78.7		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Acrylonitrile	NELAP	7.87		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Allyl chloride	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Benzene	NELAP	0.787		1.58	µg/Kg-dry	1	05/17/2011 13:21	68251
Bromobenzene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Bromochloromethane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Bromodichloromethane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Bromoform	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Bromomethane	NELAP	7.87		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Carbon disulfide	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Carbon tetrachloride	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Chlorobenzene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Chloroethane	NELAP	7.87		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Chloroform	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Chloromethane	NELAP	7.87		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
cis-1,2-Dichloroethene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
cis-1,3-Dichloropropene	NELAP	3.15		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Cyclohexanone		78.7		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Dibromochloromethane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Dibromomethane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Dichlorodifluoromethane	NELAP	7.87		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Ethyl acetate	NELAP	39.4		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Ethyl ether	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Ethyl methacrylate	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Ethylbenzene	NELAP	3.94	J	1.4	µg/Kg-dry	1	05/17/2011 13:21	68251
Gasoline Range Organics (OA-1)		787		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Heptane		15.7		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Hexachlorobutadiene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Hexachloroethane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Iodomethane	NELAP	7.87		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Isopropylbenzene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
m,p-Xylenes	NELAP	3.94	J	3.8	µg/Kg-dry	1	05/17/2011 13:21	68251
Methacrylonitrile	NELAP	39.4		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Methyl Methacrylate	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Methyl tert-butyl ether	NELAP	1.57		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Methylacrylate		7.87		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Methylene chloride	NELAP	3.94	J	0.90	µg/Kg-dry	1	05/17/2011 13:21	68251
Naphthalene	NELAP	7.87	J	3.5	µg/Kg-dry	1	05/17/2011 13:21	68251
n-Butylbenzene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
n-Hexane		15.7	J	2.0	µg/Kg-dry	1	05/17/2011 13:21	68251
Nitrobenzene	NELAP	78.7		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
n-Propylbenzene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
o-Xylene	NELAP	3.94	J	1.3	µg/Kg-dry	1	05/17/2011 13:21	68251
Pentachloroethane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050704

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

**Report Date:** 17-May-11

**Lab ID:** 11050704-002

**Client Sample ID:** P9-G1.5-F (16 ft)

**Matrix:** SOLID

**Collection Date:** 05/13/2011 9:00

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	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Propionitrile	NELAP	39.4		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
sec-Butylbenzene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Styrene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
tert-Butylbenzene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Tetrachloroethene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Tetrahydrofuran	NELAP	39.4		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Toluene	NELAP	3.94		4.05	µg/Kg-dry	1	05/17/2011 13:21	68251
trans-1,2-Dichloroethene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
trans-1,3-Dichloropropene	NELAP	3.15		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
trans-1,4-Dichloro-2-butene	NELAP	7.87		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Trichloroethene	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Trichlorofluoromethane	NELAP	3.94		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Vinyl acetate	NELAP	39.4		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Vinyl chloride	NELAP	1.57		ND	µg/Kg-dry	1	05/17/2011 13:21	68251
Xylenes, Total	NELAP	3.94		5.12	µg/Kg-dry	1	05/17/2011 13:21	68251
Surr: 1,2-Dichloroethane-d4		72.2-131		108.6	%REC	1	05/17/2011 13:21	68251
Surr: 4-Bromofluorobenzene		82.1-116		87.2	%REC	1	05/17/2011 13:21	68251
Surr: Dibromofluoromethane		77.7-120		117.3	%REC	1	05/17/2011 13:21	68251
Surr: Toluene-d8		86-116		112.9	%REC	1	05/17/2011 13:21	68251

*Surrogate/and or internal std recovery was outside QC limits due to matrix interference.*



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050704

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

**Report Date:** 17-May-11

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Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11050704-001	P9-G1.5-F (14 ft)	Solid	5	05/13/2011 8:35
11050704-002	P9-G1.5-F (16 ft)	Solid	5	05/13/2011 9:00

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## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050704

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

**Report Date:** 17-May-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11050704-001A	P9-G1.5-F (14 ft)	05/13/2011 8:35	5/13/2011 3:45:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/15/2011 7:26	05/16/2011 12:35
	SW-846 3050B, Metals by GFAA		05/15/2011 7:23	05/16/2011 12:59
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		05/16/2011 9:50	05/16/2011 13:52
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/13/2011 18:57	05/16/2011 10:09
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/13/2011 18:54	05/14/2011 12:24
	SW-846 7471A		05/15/2011 9:26	05/16/2011 10:20
11050704-001B	P9-G1.5-F (14 ft)	05/13/2011 8:35	5/13/2011 3:45:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/13/2011 16:00
	Standard Methods 18th Ed. 2540 G			05/13/2011 16:00
	SW-846 9012A			05/16/2011 9:53
	SW-846 9012A (Total)			05/16/2011 9:53
11050704-001E	P9-G1.5-F (14 ft)	05/13/2011 8:35	5/13/2011 3:45:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/17/2011 12:22
11050704-002A	P9-G1.5-F (16 ft)	05/13/2011 9:00	5/13/2011 3:45:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/15/2011 7:26	05/16/2011 12:08
	SW-846 3050B, Metals by GFAA		05/15/2011 7:23	05/16/2011 13:09
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		05/16/2011 9:50	05/16/2011 14:45
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/13/2011 18:57	05/16/2011 11:58
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/13/2011 18:54	05/14/2011 13:59
	SW-846 7471A		05/15/2011 9:26	05/16/2011 10:20
11050704-002B	P9-G1.5-F (16 ft)	05/13/2011 9:00	5/13/2011 3:45:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/13/2011 16:00
	Standard Methods 18th Ed. 2540 G			05/13/2011 16:00
	SW-846 9012A			05/16/2011 9:53
	SW-846 9012A (Total)			05/16/2011 9:53
11050704-002E	P9-G1.5-F (16 ft)	05/13/2011 9:00	5/13/2011 3:45:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/17/2011 13:21





## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050704

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

**Report Date:** 17-May-11

### STANDARD METHODS 18TH ED. 2540 G

Batch R149394		SampType: LCS		Units %						
SampID: LCS-R149394										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Solids	0.1		1.0	1.0	0	100	90	110	05/13/2011	

Batch R149394		SampType: LCSQC		Units %						
SampID: LCSQC-R149394										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Solids	0.1		1.0	1.0	0	100	90	110	05/13/2011	

Batch R149394		SampType: DUP		Units %		RPD Limit 15				
SampID: 11050704-001BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Solids	0.1		86.5				86.06	0.52	05/13/2011	

### SW-846 9012A (TOTAL)

Batch R149512		SampType: MBLK		Units mg/Kg						
SampID: MB-R149512										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		< 0.01						05/16/2011	

Batch R149512		SampType: LCS		Units mg/Kg						
SampID: LCS-R149512										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		0.03	0.02	0	101.8	85	115	05/16/2011	
Cyanide	0.01		0.02	0.02	0	99.0	85	115	05/16/2011	

Batch R149512		SampType: MS		Units mg/Kg-dry						
SampID: 11050704-001BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.59		1.52	1.45	0	104.7	75	125	05/16/2011	

Batch R149512		SampType: MSD		Units mg/Kg-dry		RPD Limit 15				
SampID: 11050704-001BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide	0.59		1.58	1.45	0	108.5	1.521	3.56	05/16/2011	

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

Batch 68181		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-68181										
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	05/16/2011	
Barium	0.50		< 0.50	0.50	0	0	-100	100	05/16/2011	
Cadmium	0.20		< 0.20	0.20	0	0	-100	100	05/16/2011	
Chromium	1.00		< 1.00	1.00	0	0	-100	100	05/17/2011	
Chromium	1.00		< 1.00	1.00	0	0	-100	100	05/16/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050704

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

**Report Date:** 17-May-11

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

**Batch 68181**      **SampType: MBLK**      Units **mg/Kg-dry**

SampID: MB-68181

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead	4.00		< 4.00	4.00	0	0	-100	100	05/16/2011
Lead	4.00		< 4.00	4.00	0	0	-100	100	05/17/2011
Silver	0.55		< 0.55	0.55	0	0	-100	100	05/16/2011

**Batch 68181**      **SampType: LCS**      Units **mg/Kg-dry**

SampID: LCS-68181

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.50		199	200	0	99.6	85	115	05/16/2011
Barium	0.50		200	200	0	100.2	85	115	05/16/2011
Cadmium	0.20		4.89	5.00	0	97.8	85	115	05/16/2011
Chromium	1.00		22.1	20.0	0	110.5	85	115	05/17/2011
Chromium	1.00		22.1	20.0	0	110.6	85	115	05/16/2011
Lead	4.00		49.9	50.0	0	99.7	85	115	05/16/2011
Lead	4.00		50.4	50.0	0	100.7	85	115	05/17/2011
Silver	0.55		4.87	5.00	0	97.4	85	115	05/16/2011

**Batch 68181**      **SampType: MS**      Units **mg/Kg-dry**

SampID: 11050704-002AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.45		201	196	8.363	98.1	75	125	05/16/2011
Barium	0.49		198	196	16.78	92.3	75	125	05/16/2011
Cadmium	0.20		4.55	4.90	0.1569	89.6	75	125	05/16/2011
Chromium	0.98		37.8	19.6	17.00	106.3	75	125	05/16/2011
Lead	3.92		55.4	49.0	11.51	89.4	75	125	05/16/2011
Silver	0.54		4.45	4.90	0	90.8	75	125	05/16/2011

**Batch 68181**      **SampType: MSD**      Units **mg/Kg-dry**

SampID: 11050704-002AMSD

**RPD Limit 20**

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic	2.45		197	196	8.363	96.4	200.7	1.67	05/16/2011
Barium	0.49		195	196	16.78	90.8	197.8	1.50	05/16/2011
Cadmium	0.20		4.52	4.90	0.1569	89.0	4.549	0.65	05/16/2011
Chromium	0.98		38.5	19.6	17.00	109.8	37.84	1.77	05/16/2011
Lead	3.92		54.6	49.0	11.51	87.8	55.35	1.45	05/16/2011
Silver	0.54		4.51	4.90	0	92.0	4.451	1.31	05/16/2011

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

**Batch 68180**      **SampType: MBLK**      Units **mg/Kg-dry**

SampID: MB-68180

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	05/16/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050704

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

**Report Date:** 17-May-11

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

Batch 68180		SampType: LCS		Units mg/Kg-dry							Date Analyzed
SampID: LCS-68180											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600		3.01	3.00	0	100.5	80	120	05/16/2011	

Batch 68180		SampType: MS		Units mg/Kg-dry							Date Analyzed
SampID: 11050704-001AMS											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	1.15	S	1.43	2.88	0	49.7	70	130	05/16/2011	

Batch 68180		SampType: MSD		Units mg/Kg-dry							RPD Limit 20	Date Analyzed
SampID: 11050704-001AMSD												
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Selenium	7740	1.15	S	1.34	2.88	0	46.5	1.434	6.72	05/16/2011		

**SW-846 7471A**

Batch 68186		SampType: MBLK		Units mg/Kg							Date Analyzed
SampID: MB-68186											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.010		< 0.010	0.010	0	0	-100	100	05/16/2011	

Batch 68186		SampType: LCS		Units mg/Kg							Date Analyzed
SampID: LCS-68186											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.010		0.272	0.250	0	108.8	85	115	05/16/2011	

Batch 68186		SampType: MS		Units mg/Kg-dry							Date Analyzed
SampID: 11050704-001AMS											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.012		0.339	0.290	0.007553	114.2	75	125	05/16/2011	

Batch 68186		SampType: MSD		Units mg/Kg-dry							RPD Limit 15	Date Analyzed
SampID: 11050704-001AMSD												
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Mercury		0.012		0.334	0.290	0.007553	112.4	0.3393	1.55	05/16/2011		

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

Batch 68191		SampType: MBLK		Units mg/Kg							Date Analyzed
SampID: MB-68191											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Diesel		5.00		ND						05/16/2011	
Kerosene		5.00		ND						05/16/2011	
Mineral Spirits		5.00		ND						05/16/2011	
Motor Oil		5.00		ND						05/16/2011	
Surr: n-Tetracontane				0.45	0.67		66.6	54.8	128	05/16/2011	

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**Work Order:** 11050704

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

Batch 68191		SampType: LCS		Units mg/Kg						
SampID: LCS-68191										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.00		16.2	16.7	0	97.0	40.4	121	05/16/2011	
Surr: n-Tetracontane			0.50	0.67		74.5	54.8	128	05/16/2011	

Batch 68191		SampType: MS		Units mg/Kg-dry						
SampID: 11050704-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.76		21.4	19.2	7.222	73.8	20.3	167	05/16/2011	
Surr: n-Tetracontane			0.63	0.77		81.6	53.9	153	05/16/2011	

Batch 68191		SampType: MSD		Units mg/Kg-dry				RPD Limit 34		Date Analyzed	
SampID: 11050704-001AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Diesel	5.76		21.0	19.2	7.222	71.8	21.43	1.94	05/16/2011		
Surr: n-Tetracontane			0.65	0.77		84.0			05/16/2011		

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

Batch 68175		SampType: MBLK		Units mg/Kg						
SampID: MB-68175										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		ND						05/16/2011	
Acenaphthylene	0.003		ND						05/16/2011	
Anthracene	0.003		ND						05/16/2011	
Benzo(a)anthracene	0.003		ND						05/16/2011	
Benzo(a)pyrene	0.003		ND						05/16/2011	
Benzo(b)fluoranthene	0.003		ND						05/16/2011	
Benzo(g,h,i)perylene	0.003		ND						05/16/2011	
Benzo(k)fluoranthene	0.003		ND						05/16/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						05/16/2011	
Chrysene	0.003		ND						05/16/2011	
Dibenzo(a,h)anthracene	0.003		ND						05/16/2011	
Fluoranthene	0.003		ND						05/16/2011	
Fluorene	0.003		ND						05/16/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						05/16/2011	
Naphthalene	0.003		ND						05/16/2011	
Phenanthrene	0.003		ND						05/16/2011	
Pyrene	0.003		ND						05/16/2011	
Surr: 2-Fluorobiphenyl			0.110	0.167		65.7	45.7	89.2	05/16/2011	
Surr: Nitrobenzene-d5			0.121	0.167		72.5	31.4	100	05/16/2011	
Surr: p-Terphenyl-d14			0.187	0.167		111.8	53.3	124	05/16/2011	

Batch 68175		SampType: LCS		Units mg/Kg						
SampID: LCS-68175										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		0.102	0.167	0	61.1	56.3	115	05/16/2011	
Acenaphthylene	0.003		0.121	0.167	0	72.5	60.3	143	05/16/2011	

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

Batch 68175		SampType: LCS		Units mg/Kg						
SampID: LCS-68175										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Anthracene	0.003		0.129	0.167	0	77.4	52.1	109	05/16/2011	
Benzo(a)anthracene	0.003		0.122	0.167	0	72.9	52.8	112	05/16/2011	
Benzo(a)pyrene	0.003		0.128	0.167	0	76.4	40.8	127	05/16/2011	
Benzo(b)fluoranthene	0.003		0.142	0.167	0	85.0	50.1	150	05/16/2011	
Benzo(g,h,i)perylene	0.003		0.143	0.167	0	85.6	52.8	145	05/16/2011	
Benzo(k)fluoranthene	0.003		0.142	0.167	0	85.0	52	153	05/16/2011	
Bis(2-ethylhexyl)phthalate	0.067		0.144	0.167	0	86.4	50	150	05/16/2011	
Chrysene	0.003		0.129	0.167	0	77.4	60.8	128	05/16/2011	
Dibenzo(a,h)anthracene	0.003		0.149	0.167	0	89.2	54.9	150	05/16/2011	
Fluoranthene	0.003		0.139	0.167	0	83.0	58.7	125	05/16/2011	
Fluorene	0.003		0.125	0.167	0	74.7	57.8	125	05/16/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.145	0.167	0	86.6	52	147	05/16/2011	
Naphthalene	0.003		0.124	0.167	0	74.3	54.8	113	05/16/2011	
Phenanthrene	0.003		0.133	0.167	0	79.4	60.4	121	05/16/2011	
Pyrene	0.003		0.137	0.167	0	82.2	57.9	129	05/16/2011	
Surr: 2-Fluorobiphenyl			0.105	0.167		62.9	45.7	89.2	05/16/2011	
Surr: Nitrobenzene-d5			0.110	0.167		65.9	31.4	100	05/16/2011	
Surr: p-Terphenyl-d14			0.188	0.167		112.6	53.3	124	05/16/2011	

Batch 68175		SampType: MS		Units mg/Kg-dry						
SampID: 11050704-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.004		0.127	0.194	0	65.7	36	135	05/16/2011	
Acenaphthylene	0.004		0.175	0.194	0.02278	78.6	17.2	167	05/16/2011	
Anthracene	0.004		0.153	0.194	0	78.8	39.3	124	05/16/2011	
Benzo(a)anthracene	0.004		0.141	0.194	0	72.7	10	183	05/16/2011	
Benzo(a)pyrene	0.004		0.148	0.194	0	76.4	10	204	05/16/2011	
Benzo(b)fluoranthene	0.004		0.168	0.194	0	86.8	10.6	178	05/16/2011	
Benzo(g,h,i)perylene	0.004		0.164	0.194	0	84.8	10	168	05/16/2011	
Benzo(k)fluoranthene	0.004		0.163	0.194	0	84.0	27.6	181	05/16/2011	
Bis(2-ethylhexyl)phthalate	0.078		0.168	0.194	0	86.6	50	150	05/16/2011	
Chrysene	0.004		0.152	0.194	0	78.4	10	176	05/16/2011	
Dibenzo(a,h)anthracene	0.004		0.170	0.194	0	87.6	12.2	156	05/16/2011	
Fluoranthene	0.004		0.164	0.194	0	84.6	10	227	05/16/2011	
Fluorene	0.004		0.154	0.194	0	79.8	35.2	148	05/16/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.165	0.194	0	85.0	10	164	05/16/2011	
Naphthalene	0.004	S	0.920	0.194	1.145	-116.4	14.7	128	05/16/2011	
Phenanthrene	0.004		0.148	0.194	0	76.6	32.8	143	05/16/2011	
Pyrene	0.004		0.159	0.194	0	82.4	10	180	05/16/2011	
Surr: 2-Fluorobiphenyl			0.093	0.194		47.9	10	131	05/16/2011	
Surr: Nitrobenzene-d5			0.116	0.194		59.9	10	132	05/16/2011	
Surr: p-Terphenyl-d14			0.204	0.194		105.6	30.6	131	05/16/2011	

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

Batch 68175	SampType: MSD	Units mg/Kg-dry						RPD Limit 49.7		Date Analyzed
SampID: 11050704-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Acenaphthene	0.004		0.117	0.194	0	60.3	0.1270	8.49	05/16/2011	
Acenaphthylene	0.004		0.169	0.194	0.02278	75.5	0.1749	3.53	05/16/2011	
Anthracene	0.004		0.149	0.194	0	77.0	0.1525	2.24	05/16/2011	
Benzo(a)anthracene	0.004		0.134	0.194	0	69.3	0.1406	4.72	05/16/2011	
Benzo(a)pyrene	0.004		0.144	0.194	0	74.5	0.1479	2.58	05/16/2011	
Benzo(b)fluoranthene	0.004		0.157	0.194	0	80.8	0.1680	7.08	05/16/2011	
Benzo(g,h,i)perylene	0.004		0.157	0.194	0	81.2	0.1641	4.26	05/16/2011	
Benzo(k)fluoranthene	0.004		0.156	0.194	0	80.4	0.1626	4.30	05/16/2011	
Bis(2-ethylhexyl)phthalate	0.078		0.159	0.194	0	82.0	0.1676	5.38	05/16/2011	
Chrysene	0.004		0.147	0.194	0	75.8	0.1518	3.30	05/16/2011	
Dibenzo(a,h)anthracene	0.004		0.166	0.194	0	85.8	0.1695	2.00	05/16/2011	
Fluoranthene	0.004		0.162	0.194	0	83.4	0.1637	1.36	05/16/2011	
Fluorene	0.004		0.145	0.194	0	74.9	0.1545	6.39	05/16/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.161	0.194	0	83.2	0.1645	2.07	05/16/2011	
Naphthalene	0.004	S	0.918	0.194	1.145	-117.4	0.9199	0.23	05/16/2011	
Phenanthrene	0.004		0.151	0.194	0	77.8	0.1483	1.62	05/16/2011	
Pyrene	0.004		0.162	0.194	0	83.4	0.1595	1.27	05/16/2011	
Surr: 2-Fluorobiphenyl			0.085	0.194		43.7			05/16/2011	
Surr: Nitrobenzene-d5			0.095	0.194		49.1			05/16/2011	
Surr: p-Terphenyl-d14			0.207	0.194		106.8			05/16/2011	

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

Batch 68174	SampType: MBLK	Units mg/Kg								Date Analyzed
SampID: MB-68174										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		ND						05/14/2011	
1,2-Dichlorobenzene	0.500		ND						05/14/2011	
1,3-Dichlorobenzene	0.500		ND						05/14/2011	
1,4-Dichlorobenzene	0.500		ND						05/14/2011	
2,4,5-Trichlorophenol	0.350		ND						05/14/2011	
2,4,6-Trichlorophenol	0.350		ND						05/14/2011	
2,4-Dichlorophenol	0.500		ND						05/14/2011	
2,4-Dimethylphenol	0.500		ND						05/14/2011	
2,4-Dinitrophenol	1.00		ND						05/14/2011	
2,4-Dinitrotoluene	0.350		ND						05/14/2011	
2,6-Dinitrotoluene	0.350		ND						05/14/2011	
2-Chloronaphthalene	0.350		ND						05/14/2011	
2-Chlorophenol	0.500		ND						05/14/2011	
2-Methoxy-4-methylphenol	0.650		ND						05/14/2011	
2-Methylnaphthalene	0.350		ND						05/14/2011	
2-Nitroaniline	1.00		ND						05/14/2011	
2-Nitrophenol	0.350		ND						05/14/2011	
3,3'-Dichlorobenzidine	0.350		ND						05/14/2011	
3-Nitroaniline	1.00		ND						05/14/2011	
4,6-Dinitro-2-methylphenol	1.00		ND						05/14/2011	
4-Bromophenyl phenyl ether	0.350		ND						05/14/2011	

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

Batch 68174		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68174										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
4-Chloro-3-methylphenol	0.500		ND						05/14/2011	
4-Chloroaniline	0.500		ND						05/14/2011	
4-Chlorophenyl phenyl ether	0.350		ND						05/14/2011	
4-Nitroaniline	0.500		ND						05/14/2011	
4-Nitrophenol	0.350		ND						05/14/2011	
Aniline	0.500		ND						05/14/2011	
Azobenzene	0.350		ND						05/14/2011	
Benzidine	1.06		ND						05/14/2011	
Benzoic acid	1.50		ND						05/14/2011	
Benzyl alcohol	0.500		ND						05/14/2011	
Bis(2-chloroethoxy)methane	0.350		ND						05/14/2011	
Bis(2-chloroethyl)ether	0.500		ND						05/14/2011	
Bis(2-chloroisopropyl)ether	0.350		ND						05/14/2011	
Butyl benzyl phthalate	0.350		ND						05/14/2011	
Carbazole	0.500		ND						05/14/2011	
Dibenzofuran	0.350		ND						05/14/2011	
Diethyl phthalate	0.500		ND						05/14/2011	
Dimethyl phthalate	0.350		ND						05/14/2011	
Di-n-butyl phthalate	0.350		ND						05/14/2011	
Di-n-octyl phthalate	0.350		ND						05/14/2011	
Hexachlorobenzene	0.350		ND						05/14/2011	
Hexachlorobutadiene	0.500		ND						05/14/2011	
Hexachlorocyclopentadiene	0.350		ND						05/14/2011	
Hexachloroethane	0.500		ND						05/14/2011	
Isophorone	0.350		ND						05/14/2011	
m,p-Cresol	0.500		ND						05/14/2011	
Nitrobenzene	0.500		ND						05/14/2011	
N-Nitrosodimethylamine	0.500		ND						05/14/2011	
N-Nitroso-di-n-propylamine	0.500		ND						05/14/2011	
N-Nitrosodiphenylamine	0.500		ND						05/14/2011	
o-Cresol	0.500		ND						05/14/2011	
Pentachlorophenol	2.00		ND						05/14/2011	
Phenol	0.350		ND						05/14/2011	
Pyridine	0.500		ND						05/14/2011	
1,2-Diphenylhydrazine	0.840		ND						05/14/2011	
Surr: 2,4,6-Tribromophenol			1.67	1.67		99.8	52.1	113	05/14/2011	
Surr: 2-Fluorobiphenyl			0.647	0.835		77.5	46.3	106	05/14/2011	
Surr: 2-Fluorophenol			1.26	1.67		75.7	50.6	89	05/14/2011	
Surr: Nitrobenzene-d5			0.637	0.835		76.3	42.4	99.2	05/14/2011	
Surr: Phenol-d5			1.27	1.67		76.2	55.9	98.5	05/14/2011	
Surr: p-Terphenyl-d14			0.787	0.835		94.3	45.5	115	05/14/2011	

Batch 68174		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-68174										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,2,4-Trichlorobenzene	0.500		1.19	1.67	0	71.2	43.9	92.2	05/14/2011	
1,4-Dichlorobenzene	0.500		1.02	1.67	0	61.0	43.8	84.1	05/14/2011	

**Client:** PSC Industrial Outsourcing, LP

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

Batch 68174		SampType: LCS		Units mg/Kg						
SampID: LCS-68174										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
2,4,5-Trichlorophenol	0.350		2.80	3.33	0	84.1	38.6	123	05/14/2011	
2,4,6-Trichlorophenol	0.350		2.88	3.33	0	86.4	35.9	123	05/14/2011	
2,4-Dimethylphenol	0.500		2.60	3.33	0	78.1	38.3	88	05/14/2011	
2,4-Dinitrophenol	1.00		2.80	3.33	0	84.1	1.88	162	05/14/2011	
2,4-Dinitrotoluene	0.350		1.47	1.67	0	88.2	48.6	102	05/14/2011	
2-Chlorophenol	0.500		2.30	3.33	0	69.2	46.6	84	05/14/2011	
4-Chloro-3-methylphenol	0.500		2.65	3.33	0	79.5	51.5	94.9	05/14/2011	
4-Nitrophenol	0.350		3.23	3.33	0	97.1	53.2	104	05/14/2011	
Diethyl phthalate	0.500		2.86	3.33	0	85.9	51.7	106	05/14/2011	
Dimethyl phthalate	0.350		2.88	3.33	0	86.4	58.8	104	05/14/2011	
Di-n-butyl phthalate	0.350		1.62	1.67	0	97.0	54.3	105	05/14/2011	
Hexachlorobenzene	0.350		3.41	3.33	0	102.4	55.9	106	05/14/2011	
Hexachlorobutadiene	0.500		2.41	3.33	0	72.3	35.7	100	05/14/2011	
Hexachloroethane	0.500		2.08	3.33	0	62.3	38.9	89.9	05/14/2011	
m,p-Cresol	0.500		1.27	1.67	0	75.8	37.6	93.7	05/14/2011	
Nitrobenzene	0.500		2.11	3.33	0	63.4	51.8	104	05/14/2011	
N-Nitroso-di-n-propylamine	0.500		1.07	1.67	0	63.8	49.1	94.5	05/14/2011	
o-Cresol	0.500		1.25	1.67	0	74.7	43	101	05/14/2011	
Pentachlorophenol	2.00		3.06	3.33	0	92.0	42.2	102	05/14/2011	
Phenol	0.350		2.23	3.33	0	67.0	41.6	81.3	05/14/2011	
Pyridine	0.500		1.40	3.33	0	42.0	3.61	74.3	05/14/2011	
Surr: 2,4,6-Tribromophenol			1.61	1.67		96.2	52.1	113	05/14/2011	
Surr: 2-Fluorobiphenyl			0.568	0.835		68.0	46.3	106	05/14/2011	
Surr: 2-Fluorophenol			1.03	1.67		61.9	50.6	89	05/14/2011	
Surr: Nitrobenzene-d5			0.504	0.835		60.4	42.4	99.2	05/14/2011	
Surr: Phenol-d5			1.10	1.67		65.6	55.9	98.5	05/14/2011	
Surr: p-Terphenyl-d14			0.788	0.835		94.4	45.5	115	05/14/2011	

Batch 68174		SampType: MS		Units mg/Kg-dry						
SampID: 11050704-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.581		1.14	1.94	0	58.5	35.9	102	05/14/2011	
1,4-Dichlorobenzene	0.581		0.882	1.94	0	45.5	29.8	95.5	05/14/2011	
2,4,5-Trichlorophenol	0.407		2.98	3.87	0	77.1	38.6	123	05/14/2011	
2,4,6-Trichlorophenol	0.407		2.98	3.87	0	76.9	35.9	123	05/14/2011	
2,4-Dimethylphenol	0.581		2.70	3.87	0	69.8	38.3	88	05/14/2011	
2,4-Dinitrophenol	1.16		2.84	3.87	0	73.3	1.88	162	05/14/2011	
2,4-Dinitrotoluene	0.407		1.64	1.94	0	84.3	37.5	107	05/14/2011	
2-Chlorophenol	0.581		2.31	3.87	0	59.6	22.6	108	05/14/2011	
4-Chloro-3-methylphenol	0.581		2.78	3.87	0	72.0	19.3	131	05/14/2011	
4-Nitrophenol	0.407		3.73	3.87	0	96.5	27.6	123	05/14/2011	
Diethyl phthalate	0.581		3.15	3.87	0	81.3	51.7	106	05/14/2011	
Dimethyl phthalate	0.407		3.14	3.87	0	81.1	58.8	104	05/14/2011	
Di-n-butyl phthalate	0.407		1.76	1.94	0	90.6	54.3	105	05/14/2011	
Hexachlorobenzene	0.407		3.63	3.87	0	93.8	55.9	106	05/14/2011	
Hexachlorobutadiene	0.581		2.24	3.87	0	57.9	35.7	100	05/14/2011	
Hexachloroethane	0.581		1.78	3.87	0	46.0	38.9	89.9	05/14/2011	



Client: PSC Industrial Outsourcing, LP

Work Order: 11050704

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

Report Date: 17-May-11

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

Batch 68174		SampType: MS		Units mg/Kg-dry						Date Analyzed	
SampID: 11050704-001AMS											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
m,p-Cresol	0.581		1.26	1.94	0	64.7	37.6	93.7	05/14/2011		
Nitrobenzene	0.581		2.09	3.87	0	53.9	51.8	104	05/14/2011		
N-Nitroso-di-n-propylamine	0.581		1.09	1.94	0	56.2	45.5	99.1	05/14/2011		
o-Cresol	0.581		1.21	1.94	0	62.5	43	101	05/14/2011		
Pentachlorophenol	2.32		3.34	3.87	0	86.4	18.5	113	05/14/2011		
Phenol	0.407		2.24	3.87	0	57.8	20.8	110	05/14/2011		
Pyridine	0.581		1.31	3.87	0	33.7	3.61	74.3	05/14/2011		
Surr: 2,4,6-Tribromophenol			1.65	1.94		85.2	32.7	130	05/14/2011		
Surr: 2-Fluorobiphenyl			0.470	0.970		48.4	34.1	116	05/14/2011		
Surr: 2-Fluorophenol			0.971	1.94		50.0	30.5	99	05/14/2011		
Surr: Nitrobenzene-d5			0.447	0.970		46.1	34.1	101	05/14/2011		
Surr: Phenol-d5			1.04	1.94		53.6	34.9	110	05/14/2011		
Surr: p-Terphenyl-d14			0.834	0.970		85.9	41.7	124	05/14/2011		

Batch 68174		SampType: MSD		Units mg/Kg-dry						RPD Limit 40		Date Analyzed	
SampID: 11050704-001AMSD													
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD					
1,2,4-Trichlorobenzene	0.581		1.41	1.94	0	72.5	1.136	21.34			05/14/2011		
1,4-Dichlorobenzene	0.581		1.05	1.94	0	54.0	0.8823	17.17			05/14/2011		
2,4,5-Trichlorophenol	0.407		3.41	3.87	0	88.2	2.982	13.54			05/14/2011		
2,4,6-Trichlorophenol	0.407		3.42	3.87	0	88.4	2.976	13.90			05/14/2011		
2,4-Dimethylphenol	0.581		3.23	3.87	0	83.4	2.699	17.79			05/14/2011		
2,4-Dinitrophenol	1.16		2.89	3.87	0	74.6	2.837	1.78			05/14/2011		
2,4-Dinitrotoluene	0.407		1.69	1.94	0	86.9	1.636	3.08			05/14/2011		
2-Chlorophenol	0.581		2.80	3.87	0	72.4	2.307	19.36			05/14/2011		
4-Chloro-3-methylphenol	0.581		3.21	3.87	0	83.1	2.785	14.34			05/14/2011		
4-Nitrophenol	0.407		3.89	3.87	0	100.6	3.734	4.14			05/14/2011		
Diethyl phthalate	0.581		3.33	3.87	0	86.1	3.147	5.73			05/14/2011		
Dimethyl phthalate	0.407		3.44	3.87	0	88.8	3.138	9.11			05/14/2011		
Di-n-butyl phthalate	0.407		1.85	1.94	0	95.2	1.757	5.01			05/14/2011		
Hexachlorobenzene	0.407		3.91	3.87	0	101.1	3.630	7.48			05/14/2011		
Hexachlorobutadiene	0.581		2.80	3.87	0	72.4	2.242	22.22			05/14/2011		
Hexachloroethane	0.581		2.15	3.87	0	55.5	1.782	18.55			05/14/2011		
m,p-Cresol	0.581		1.53	1.94	0	78.9	1.255	19.81			05/14/2011		
Nitrobenzene	0.581		2.49	3.87	0	64.3	2.087	17.52			05/14/2011		
N-Nitroso-di-n-propylamine	0.581		1.31	1.94	0	67.3	1.091	17.93			05/14/2011		
o-Cresol	0.581		1.51	1.94	0	77.9	1.212	21.95			05/14/2011		
Pentachlorophenol	2.32		3.47	3.87	0	89.7	3.344	3.74			05/14/2011		
Phenol	0.407		2.71	3.87	0	70.0	2.236	19.11			05/14/2011		
Pyridine	0.581		1.73	3.87	0	44.7	1.305	27.91			05/14/2011		
Surr: 2,4,6-Tribromophenol			1.90	1.94		97.7					05/14/2011		
Surr: 2-Fluorobiphenyl			0.653	0.970		67.3					05/14/2011		
Surr: 2-Fluorophenol			1.29	1.94		66.6					05/14/2011		
Surr: Nitrobenzene-d5			0.611	0.970		63.0					05/14/2011		
Surr: Phenol-d5			1.36	1.94		70.3					05/14/2011		
Surr: p-Terphenyl-d14			0.897	0.970		92.5					05/14/2011		

Client: PSC Industrial Outsourcing, LP

Work Order: 11050704

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

Report Date: 17-May-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
1,1,1,2-Tetrachloroethane	5.00		ND						05/17/2011
1,1,1-Trichloroethane	5.00		ND						05/17/2011
1,1,2,2-Tetrachloroethane	5.00		ND						05/17/2011
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		ND						05/17/2011
1,1,2-Trichloroethane	5.00		ND						05/17/2011
1,1-Dichloro-2-propanone	50.0		ND						05/17/2011
1,1-Dichloroethane	5.00		ND						05/17/2011
1,1-Dichloroethene	5.00		ND						05/17/2011
1,1-Dichloropropene	5.00		ND						05/17/2011
1,2,3-Trichlorobenzene	5.00		ND						05/17/2011
1,2,3-Trichloropropane	10.0		ND						05/17/2011
1,2,3-Trimethylbenzene	5.00		ND						05/17/2011
1,2,4-Trichlorobenzene	5.00		ND						05/17/2011
1,2,4-Trimethylbenzene	5.00		ND						05/17/2011
1,2-Dibromo-3-chloropropane	5.00		ND						05/17/2011
1,2-Dibromoethane	5.00		ND						05/17/2011
1,2-Dichlorobenzene	5.00		ND						05/17/2011
1,2-Dichloroethane	5.00		ND						05/17/2011
1,2-Dichloropropane	5.00		ND						05/17/2011
1,3,5-Trimethylbenzene	5.00		ND						05/17/2011
1,3-Dichlorobenzene	5.00		ND						05/17/2011
1,3-Dichloropropane	5.00		ND						05/17/2011
1,4-Dichlorobenzene	5.00		ND						05/17/2011
1-Chlorobutane	5.00		ND						05/17/2011
2,2-Dichloropropane	5.00		ND						05/17/2011
2-Butanone	50.0		ND						05/17/2011
2-Chlorotoluene	5.00		ND						05/17/2011
2-Hexanone	50.0		ND						05/17/2011
2-Nitropropane	50.0		ND						05/17/2011
4-Chlorotoluene	5.00		ND						05/17/2011
4-Methyl-2-pentanone	50.0		ND						05/17/2011
Acetone	50.0		ND						05/17/2011
Acetonitrile	100		ND						05/17/2011
Acrolein	100		ND						05/17/2011
Acrylonitrile	10.0		ND						05/17/2011
Allyl chloride	5.00		ND						05/17/2011
Benzene	1.00		ND						05/17/2011
Bromobenzene	5.00		ND						05/17/2011
Bromochloromethane	5.00		ND						05/17/2011
Bromodichloromethane	5.00		ND						05/17/2011
Bromoform	5.00		ND						05/17/2011
Bromomethane	10.0		ND						05/17/2011
Carbon disulfide	5.00		ND						05/17/2011
Carbon tetrachloride	5.00		ND						05/17/2011
Chlorobenzene	5.00		ND						05/17/2011
Chloroethane	10.0		ND						05/17/2011
Chloroform	5.00		ND						05/17/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11050704

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

Report Date: 17-May-11

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

Batch 68251		SampType: MBLK		Units µg/Kg					Date Analyzed
SampID: MBLK-G110517-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloromethane	10.0		ND						05/17/2011
cis-1,2-Dichloroethene	5.00		ND						05/17/2011
cis-1,3-Dichloropropene	4.00		ND						05/17/2011
Cyclohexanone	100		ND						05/17/2011
Dibromochloromethane	5.00		ND						05/17/2011
Dibromomethane	5.00		ND						05/17/2011
Dichlorodifluoromethane	10.0		ND						05/17/2011
Ethyl acetate	50.0		ND						05/17/2011
Ethyl ether	5.00		ND						05/17/2011
Ethyl methacrylate	5.00		ND						05/17/2011
Ethylbenzene	5.00		ND						05/17/2011
Heptane	20.0		ND						05/17/2011
Hexachlorobutadiene	5.00		ND						05/17/2011
Hexachloroethane	5.00		ND						05/17/2011
Iodomethane	10.0		ND						05/17/2011
Isopropylbenzene	5.00		ND						05/17/2011
m,p-Xylenes	5.00		ND						05/17/2011
Methacrylonitrile	50.0		ND						05/17/2011
Methyl Methacrylate	5.00		ND						05/17/2011
Methyl tert-butyl ether	2.00		ND						05/17/2011
Methylacrylate	10.0		ND						05/17/2011
Methylene chloride	5.00		ND						05/17/2011
Naphthalene	10.0		ND						05/17/2011
n-Butylbenzene	5.00		ND						05/17/2011
n-Hexane	20.0		ND						05/17/2011
Nitrobenzene	100		ND						05/17/2011
n-Propylbenzene	5.00		ND						05/17/2011
o-Xylene	5.00		ND						05/17/2011
Pentachloroethane	5.00		ND						05/17/2011
p-Isopropyltoluene	5.00		ND						05/17/2011
Propionitrile	50.0		ND						05/17/2011
sec-Butylbenzene	5.00		ND						05/17/2011
Styrene	5.00		ND						05/17/2011
tert-Butylbenzene	5.00		ND						05/17/2011
Tetrachloroethene	5.00		ND						05/17/2011
Tetrahydrofuran	50.0		ND						05/17/2011
Toluene	5.00		ND						05/17/2011
trans-1,2-Dichloroethene	5.00		ND						05/17/2011
trans-1,3-Dichloropropene	4.00		ND						05/17/2011
trans-1,4-Dichloro-2-butene	10.0		ND						05/17/2011
Trichloroethene	5.00		ND						05/17/2011
Trichlorofluoromethane	5.00		ND						05/17/2011
Vinyl acetate	50.0		ND						05/17/2011
Vinyl chloride	2.00		ND						05/17/2011
Xylenes, Total	5.00		ND						05/17/2011
Gasoline Range Organics (OA-1)	1000		ND						05/17/2011
Surr: 1,2-Dichloroethane-d4			50.5	50.0		101.1	72.2	131	05/17/2011

Client: PSC Industrial Outsourcing, LP

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

Batch 68251		SampType: MBLK		Units µg/Kg					
SampID: MBLK-G110517-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: 4-Bromofluorobenzene			52.4	50.0		104.8	82.1	116	05/17/2011
Surr: Dibromofluoromethane			51.9	50.0		103.8	77.7	120	05/17/2011
Surr: Toluene-d8			48.3	50.0		96.6	86	116	05/17/2011

Batch 68251		SampType: LCSD		Units µg/Kg		RPD Limit 40			
SampID: LCSD-G110517-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
1,1,1,2-Tetrachloroethane	5.00		51.9	50.0	0	103.7	52.42	1.05	05/17/2011
1,1,1-Trichloroethane	5.00		50.9	50.0	0	101.7	52.67	3.48	05/17/2011
1,1,2,2-Tetrachloroethane	5.00		47.1	50.0	0	94.3	48.69	3.23	05/17/2011
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		45.7	50.0	0	91.4	47.16	3.12	05/17/2011
1,1,2-Trichloroethane	5.00		48.9	50.0	0	97.9	50.25	2.66	05/17/2011
1,1-Dichloro-2-propanone	50.0		127	125	0	101.5	141.6	10.97	05/17/2011
1,1-Dichloroethane	5.00		46.5	50.0	0	93.0	47.60	2.38	05/17/2011
1,1-Dichloroethene	5.00		45.1	50.0	0	90.3	46.24	2.43	05/17/2011
1,1-Dichloropropene	5.00		48.3	50.0	0	96.5	50.66	4.83	05/17/2011
1,2,3-Trichlorobenzene	5.00		54.6	50.0	0	109.1	56.84	4.09	05/17/2011
1,2,3-Trichloropropane	10.0		48.4	50.0	0	96.8	50.77	4.82	05/17/2011
1,2,3-Trimethylbenzene	5.00		48.6	50.0	0	97.1	49.59	2.12	05/17/2011
1,2,4-Trichlorobenzene	5.00		55.1	50.0	0	110.2	58.09	5.28	05/17/2011
1,2,4-Trimethylbenzene	5.00		48.7	50.0	0	97.5	49.79	2.15	05/17/2011
1,2-Dibromo-3-chloropropane	5.00		50.6	50.0	0	101.2	55.55	9.31	05/17/2011
1,2-Dibromoethane	5.00		50.8	50.0	0	101.5	53.39	5.05	05/17/2011
1,2-Dichlorobenzene	5.00		48.1	50.0	0	96.3	49.15	2.10	05/17/2011
1,2-Dichloroethane	5.00		50.0	50.0	0	100	52.36	4.59	05/17/2011
1,2-Dichloropropane	5.00		47.0	50.0	0	94.0	48.99	4.13	05/17/2011
1,3,5-Trimethylbenzene	5.00		47.3	50.0	0	94.5	47.94	1.43	05/17/2011
1,3-Dichlorobenzene	5.00		48.7	50.0	0	97.5	50.81	4.18	05/17/2011
1,3-Dichloropropane	5.00		48.3	50.0	0	96.6	49.97	3.44	05/17/2011
1,4-Dichlorobenzene	5.00		48.4	50.0	0	96.8	50.22	3.73	05/17/2011
1-Chlorobutane	5.00		45.6	50.0	0	91.3	46.33	1.50	05/17/2011
2,2-Dichloropropane	5.00		50.6	50.0	0	101.2	55.80	9.74	05/17/2011
2-Butanone	50.0		120	125	0	95.7	133.2	10.73	05/17/2011
2-Chlorotoluene	5.00		47.2	50.0	0	94.4	48.17	1.99	05/17/2011
2-Hexanone	50.0		122	125	0	97.7	136.8	11.37	05/17/2011
2-Nitropropane	50.0		538	500	0	107.7	588.3	8.85	05/17/2011
4-Chlorotoluene	5.00		48.0	50.0	0	96.0	48.81	1.63	05/17/2011
4-Methyl-2-pentanone	50.0		124	125	0	99.2	136.2	9.41	05/17/2011
Acetone	50.0		119	125	0	94.9	132.7	11.20	05/17/2011
Acetonitrile	100		449	500	0	89.8	498.2	10.41	05/17/2011
Acrylonitrile	10.0		44.7	50.0	0	89.5	49.24	9.58	05/17/2011
Allyl chloride	5.00		45.3	50.0	0	90.7	46.63	2.81	05/17/2011
Benzene	1.00		46.2	50.0	0	92.5	47.40	2.46	05/17/2011
Bromobenzene	5.00		48.1	50.0	0	96.2	50.69	5.22	05/17/2011
Bromochloromethane	5.00		47.2	50.0	0	94.3	48.38	2.53	05/17/2011
Bromodichloromethane	5.00		50.6	50.0	0	101.2	52.28	3.25	05/17/2011
Bromoform	5.00		53.5	50.0	0	107.0	57.48	7.21	05/17/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11050704

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

Report Date: 17-May-11

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

Batch 68251	SampType: LCSD	Units µg/Kg					RPD Limit 40			Date Analyzed
SampID: LCSD-G110517-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Bromomethane	10.0		38.7	50.0	0	77.4	40.88	5.50	05/17/2011	
Carbon disulfide	5.00		42.5	50.0	0	85.0	43.95	3.35	05/17/2011	
Carbon tetrachloride	5.00		52.1	50.0	0	104.1	52.88	1.54	05/17/2011	
Chlorobenzene	5.00		48.1	50.0	0	96.2	50.23	4.29	05/17/2011	
Chloroethane	10.0		37.0	50.0	0	74.0	40.21	8.34	05/17/2011	
Chloroform	5.00		49.4	50.0	0	98.8	50.11	1.47	05/17/2011	
Chloromethane	10.0		26.5	50.0	0	52.9	29.58	11.10	05/17/2011	
cis-1,2-Dichloroethene	5.00		48.0	50.0	0	96.0	50.83	5.71	05/17/2011	
cis-1,3-Dichloropropene	4.00		50.5	50.0	0	101.1	52.16	3.17	05/17/2011	
Cyclohexanone	100		224	250	0	89.6	255.7	13.26	05/17/2011	
Dibromochloromethane	5.00		51.9	50.0	0	103.8	53.53	3.09	05/17/2011	
Dibromomethane	5.00		50.2	50.0	0	100.4	51.83	3.22	05/17/2011	
Dichlorodifluoromethane	10.0		20.5	50.0	0	41.0	21.92	6.60	05/17/2011	
Ethyl acetate	50.0	J	48	50.0	0	95.4	50.22	0.00	05/17/2011	
Ethyl ether	5.00		46.4	50.0	0	92.9	47.78	2.82	05/17/2011	
Ethyl methacrylate	5.00		50.7	50.0	0	101.4	53.31	5.02	05/17/2011	
Ethylbenzene	5.00		48.1	50.0	0	96.1	50.01	3.96	05/17/2011	
Heptane	20.0		45.0	50.0	0	90.0	48.55	7.59	05/17/2011	
Hexachlorobutadiene	5.00		52.6	50.0	0	105.2	55.50	5.40	05/17/2011	
Hexachloroethane	5.00		49.8	50.0	0	99.7	51.27	2.83	05/17/2011	
Iodomethane	10.0		50.2	50.0	0	100.3	50.98	1.64	05/17/2011	
Isopropylbenzene	5.00		48.8	50.0	0	97.7	51.20	4.72	05/17/2011	
m,p-Xylenes	5.00		96.6	100	0	96.6	101.0	4.38	05/17/2011	
Methacrylonitrile	50.0	J	46	50.0	0	91.1	48.80	0.00	05/17/2011	
Methyl Methacrylate	5.00		51.4	50.0	0	102.9	54.40	5.59	05/17/2011	
Methyl tert-butyl ether	2.00		47.2	50.0	0	94.4	51.08	7.85	05/17/2011	
Methylacrylate	10.0		47.7	50.0	0	95.3	51.90	8.50	05/17/2011	
Methylene chloride	5.00		45.2	50.0	0	90.5	47.30	4.47	05/17/2011	
Naphthalene	10.0		51.4	50.0	0	102.8	53.72	4.45	05/17/2011	
n-Butylbenzene	5.00		48.9	50.0	0	97.9	50.65	3.45	05/17/2011	
n-Hexane	20.0		44.8	50.0	0	89.7	46.24	3.10	05/17/2011	
Nitrobenzene	100		556	500	0	111.1	606.8	8.81	05/17/2011	
n-Propylbenzene	5.00		47.6	50.0	0	95.2	48.18	1.19	05/17/2011	
o-Xylene	5.00		48.4	50.0	0	96.9	50.18	3.51	05/17/2011	
Pentachloroethane	5.00		51.2	50.0	0	102.4	52.90	3.25	05/17/2011	
p-Isopropyltoluene	5.00		47.7	50.0	0	95.5	48.83	2.28	05/17/2011	
Propionitrile	50.0		463	500	0	92.6	521.3	11.88	05/17/2011	
sec-Butylbenzene	5.00		47.9	50.0	0	95.8	48.82	1.86	05/17/2011	
Styrene	5.00		50.2	50.0	0	100.3	52.26	4.12	05/17/2011	
tert-Butylbenzene	5.00		48.0	50.0	0	96.0	48.66	1.37	05/17/2011	
Tetrachloroethene	5.00		50.6	50.0	0	101.1	51.14	1.16	05/17/2011	
Tetrahydrofuran	50.0	J	46	50.0	0	92.5	50.40	0.00	05/17/2011	
Toluene	5.00		45.5	50.0	0	91.0	46.63	2.43	05/17/2011	
trans-1,2-Dichloroethene	5.00		46.4	50.0	0	92.8	47.72	2.78	05/17/2011	
trans-1,3-Dichloropropene	4.00		50.8	50.0	0	101.5	52.46	3.27	05/17/2011	
trans-1,4-Dichloro-2-butene	10.0		48.0	50.0	0	95.9	50.68	5.52	05/17/2011	
Trichloroethene	5.00		50.8	50.0	0	101.7	52.73	3.67	05/17/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050704

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

**Report Date:** 17-May-11

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

Batch 68251	SampType: LCSD	Units µg/Kg						RPD Limit 40		Date Analyzed
SampID: LCSD-G110517-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Trichlorofluoromethane	5.00		<b>44.9</b>	50.0	0	89.8	47.39	5.42	05/17/2011	
Vinyl acetate	50.0	J	<b>48</b>	50.0	0	95.6	51.17	0.00	05/17/2011	
Vinyl chloride	2.00		<b>36.0</b>	50.0	0	71.9	37.91	5.28	05/17/2011	
Xylenes, Total	5.00		<b>145</b>	150	0	96.7	151.1	4.09	05/17/2011	
Surr: 1,2-Dichloroethane-d4			<b>52.0</b>	50.0		104.0			05/17/2011	
Surr: 4-Bromofluorobenzene			<b>51.7</b>	50.0		103.4			05/17/2011	
Surr: Dibromofluoromethane			<b>52.1</b>	50.0		104.2			05/17/2011	
Surr: Toluene-d8			<b>48.8</b>	50.0		97.6			05/17/2011	

Batch 68251	SampType: LCS	Units µg/Kg						Low Limit	High Limit	Date Analyzed
SampID: LCS-G110517-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		<b>52.4</b>	50.0	0	104.8	0	200	05/17/2011	
1,1,1-Trichloroethane	5.00		<b>52.7</b>	50.0	0	105.3	85.8	124	05/17/2011	
1,1,2,2-Tetrachloroethane	5.00		<b>48.7</b>	50.0	0	97.4	0	200	05/17/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		<b>47.2</b>	50.0	0	94.3	0	200	05/17/2011	
1,1,2-Trichloroethane	5.00		<b>50.2</b>	50.0	0	100.5	0	200	05/17/2011	
1,1-Dichloro-2-propanone	50.0		<b>142</b>	125	0	113.2	0	200	05/17/2011	
1,1-Dichloroethane	5.00		<b>47.6</b>	50.0	0	95.2	0	200	05/17/2011	
1,1-Dichloroethene	5.00		<b>46.2</b>	50.0	0	92.5	60.1	131	05/17/2011	
1,1-Dichloropropene	5.00		<b>50.7</b>	50.0	0	101.3	0	200	05/17/2011	
1,2,3-Trichlorobenzene	5.00		<b>56.8</b>	50.0	0	113.7	0	200	05/17/2011	
1,2,3-Trichloropropane	10.0		<b>50.8</b>	50.0	0	101.5	0	200	05/17/2011	
1,2,3-Trimethylbenzene	5.00		<b>49.6</b>	50.0	0	99.2	0	200	05/17/2011	
1,2,4-Trichlorobenzene	5.00		<b>58.1</b>	50.0	0	116.2	0	200	05/17/2011	
1,2,4-Trimethylbenzene	5.00		<b>49.8</b>	50.0	0	99.6	0	200	05/17/2011	
1,2-Dibromo-3-chloropropane	5.00		<b>55.6</b>	50.0	0	111.1	0	200	05/17/2011	
1,2-Dibromoethane	5.00		<b>53.4</b>	50.0	0	106.8	86.9	119	05/17/2011	
1,2-Dichlorobenzene	5.00		<b>49.2</b>	50.0	0	98.3	88	119	05/17/2011	
1,2-Dichloroethane	5.00		<b>52.4</b>	50.0	0	104.7	73	117	05/17/2011	
1,2-Dichloropropane	5.00		<b>49.0</b>	50.0	0	98.0	0	200	05/17/2011	
1,3,5-Trimethylbenzene	5.00		<b>47.9</b>	50.0	0	95.9	0	200	05/17/2011	
1,3-Dichlorobenzene	5.00		<b>50.8</b>	50.0	0	101.6	85.8	125	05/17/2011	
1,3-Dichloropropane	5.00		<b>50.0</b>	50.0	0	99.9	0	200	05/17/2011	
1,4-Dichlorobenzene	5.00		<b>50.2</b>	50.0	0	100.4	84.5	124	05/17/2011	
1-Chlorobutane	5.00		<b>46.3</b>	50.0	0	92.7	0	200	05/17/2011	
2,2-Dichloropropane	5.00		<b>55.8</b>	50.0	0	111.6	0	200	05/17/2011	
2-Butanone	50.0		<b>133</b>	125	0	106.6	45.3	136	05/17/2011	
2-Chlorotoluene	5.00		<b>48.2</b>	50.0	0	96.3	0	200	05/17/2011	
2-Hexanone	50.0		<b>137</b>	125	0	109.4	0	200	05/17/2011	
2-Nitropropane	50.0		<b>588</b>	500	0	117.7	0	200	05/17/2011	
4-Chlorotoluene	5.00		<b>48.8</b>	50.0	0	97.6	0	200	05/17/2011	
4-Methyl-2-pentanone	50.0		<b>136</b>	125	0	109.0	0	200	05/17/2011	
Acetone	50.0		<b>133</b>	125	0	106.2	0	200	05/17/2011	
Acetonitrile	100		<b>498</b>	500	0	99.6	0	200	05/17/2011	
Acrylonitrile	10.0		<b>49.2</b>	50.0	0	98.5	0	200	05/17/2011	
Allyl chloride	5.00		<b>46.6</b>	50.0	0	93.3	0	200	05/17/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050704

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

**Report Date:** 17-May-11

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

Batch 68251		SampType: LCS		Units µg/Kg							Date Analyzed
SampID: LCS-G110517-1											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Benzene	1.00		47.4	50.0	0	94.8	73.9	109	05/17/2011		
Bromobenzene	5.00		50.7	50.0	0	101.4	0	200	05/17/2011		
Bromochloromethane	5.00		48.4	50.0	0	96.8	0	200	05/17/2011		
Bromodichloromethane	5.00		52.3	50.0	0	104.6	91.3	126	05/17/2011		
Bromoform	5.00		57.5	50.0	0	115.0	0	200	05/17/2011		
Bromomethane	10.0		40.9	50.0	0	81.8	0	200	05/17/2011		
Carbon disulfide	5.00		44.0	50.0	0	87.9	0	200	05/17/2011		
Carbon tetrachloride	5.00		52.9	50.0	0	105.8	83.3	127	05/17/2011		
Chlorobenzene	5.00		50.2	50.0	0	100.5	85.8	116	05/17/2011		
Chloroethane	10.0		40.2	50.0	0	80.4	0	200	05/17/2011		
Chloroform	5.00		50.1	50.0	0	100.2	80	113	05/17/2011		
Chloromethane	10.0		29.6	50.0	0	59.2	0	200	05/17/2011		
cis-1,2-Dichloroethene	5.00		50.8	50.0	0	101.7	0	200	05/17/2011		
cis-1,3-Dichloropropene	4.00		52.2	50.0	0	104.3	0	200	05/17/2011		
Cyclohexanone	100		256	250	0	102.3	0	200	05/17/2011		
Dibromochloromethane	5.00		53.5	50.0	0	107.1	89.1	119	05/17/2011		
Dibromomethane	5.00		51.8	50.0	0	103.7	0	200	05/17/2011		
Dichlorodifluoromethane	10.0		21.9	50.0	0	43.8	0	200	05/17/2011		
Ethyl acetate	50.0		50.2	50.0	0	100.4	0	200	05/17/2011		
Ethyl ether	5.00		47.8	50.0	0	95.6	0	200	05/17/2011		
Ethyl methacrylate	5.00		53.3	50.0	0	106.6	0	200	05/17/2011		
Ethylbenzene	5.00		50.0	50.0	0	100	84.1	115	05/17/2011		
Heptane	20.0		48.6	50.0	0	97.1	0	200	05/17/2011		
Hexachlorobutadiene	5.00		55.5	50.0	0	111.0	0	200	05/17/2011		
Hexachloroethane	5.00		51.3	50.0	0	102.5	0	200	05/17/2011		
Iodomethane	10.0		51.0	50.0	0	102.0	0	200	05/17/2011		
Isopropylbenzene	5.00		51.2	50.0	0	102.4	0	200	05/17/2011		
m,p-Xylenes	5.00		101	100	0	101.0	79.1	111	05/17/2011		
Methacrylonitrile	50.0	J	49	50.0	0	97.6	0	200	05/17/2011		
Methyl Methacrylate	5.00		54.4	50.0	0	108.8	0	200	05/17/2011		
Methyl tert-butyl ether	2.00		51.1	50.0	0	102.2	80	128	05/17/2011		
Methylacrylate	10.0		51.9	50.0	0	103.8	0	200	05/17/2011		
Methylene chloride	5.00		47.3	50.0	0	94.6	73.9	116	05/17/2011		
Naphthalene	10.0		53.7	50.0	0	107.4	73.1	135	05/17/2011		
n-Butylbenzene	5.00		50.6	50.0	0	101.3	0	200	05/17/2011		
n-Hexane	20.0		46.2	50.0	0	92.5	0	200	05/17/2011		
Nitrobenzene	100		607	500	0	121.4	0	200	05/17/2011		
n-Propylbenzene	5.00		48.2	50.0	0	96.4	0	200	05/17/2011		
o-Xylene	5.00		50.2	50.0	0	100.4	82	117	05/17/2011		
Pentachloroethane	5.00		52.9	50.0	0	105.8	0	200	05/17/2011		
p-Isopropyltoluene	5.00		48.8	50.0	0	97.7	0	200	05/17/2011		
Propionitrile	50.0		521	500	0	104.3	0	200	05/17/2011		
sec-Butylbenzene	5.00		48.8	50.0	0	97.6	0	200	05/17/2011		
Styrene	5.00		52.3	50.0	0	104.5	0	200	05/17/2011		
tert-Butylbenzene	5.00		48.7	50.0	0	97.3	0	200	05/17/2011		
Tetrachloroethene	5.00		51.1	50.0	0	102.3	74.6	115	05/17/2011		
Tetrahydrofuran	50.0		50.4	50.0	0	100.8	0	200	05/17/2011		

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050704

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

**Report Date:** 17-May-11

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

Batch 68251		SampType: LCS		Units µg/Kg						
SampID: LCS-G110517-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Toluene	5.00		46.6	50.0	0	93.3	79.1	112	05/17/2011	
trans-1,2-Dichloroethene	5.00		47.7	50.0	0	95.4	0	200	05/17/2011	
trans-1,3-Dichloropropene	4.00		52.5	50.0	0	104.9	0	200	05/17/2011	
trans-1,4-Dichloro-2-butene	10.0		50.7	50.0	0	101.4	0	200	05/17/2011	
Trichloroethene	5.00		52.7	50.0	0	105.5	81	111	05/17/2011	
Trichlorofluoromethane	5.00		47.4	50.0	0	94.8	0	200	05/17/2011	
Vinyl acetate	50.0		51.2	50.0	0	102.3	0	200	05/17/2011	
Vinyl chloride	2.00		37.9	50.0	0	75.8	0	200	05/17/2011	
Xylenes, Total	5.00		151	150	0	100.8	79.1	117	05/17/2011	
Surr: 1,2-Dichloroethane-d4			52.8	50.0		105.6	72.2	131	05/17/2011	
Surr: 4-Bromofluorobenzene			53.7	50.0		107.4	82.1	116	05/17/2011	
Surr: Dibromofluoromethane			52.5	50.0		105.0	77.7	120	05/17/2011	
Surr: Toluene-d8			48.3	50.0		96.6	86	116	05/17/2011	

Batch 68251		SampType: LCSGD		Units µg/Kg				RPD Limit 20		Date Analyzed
SampID: LCSGD-G110517-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Gasoline Range Organics (OA-1)	1000		2030	2000	0	101.6	2019	0.64	05/17/2011	
Surr: 1,2-Dichloroethane-d4			49.4	50.0		98.7			05/17/2011	
Surr: 4-Bromofluorobenzene			53.2	50.0		106.4			05/17/2011	
Surr: Dibromofluoromethane			50.0	50.0		99.9			05/17/2011	
Surr: Toluene-d8			48.9	50.0		97.7			05/17/2011	

Batch 68251		SampType: LCSG		Units µg/Kg						
SampID: LCSG-G110517-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Gasoline Range Organics (OA-1)	1000		2020	2000	0	100.9	70	130	05/17/2011	
Surr: 1,2-Dichloroethane-d4			51.3	50.0		102.6	61	128	05/17/2011	
Surr: 4-Bromofluorobenzene			52.8	50.0		105.6	78.2	117	05/17/2011	
Surr: Dibromofluoromethane			50.8	50.0		101.7	66.6	130	05/17/2011	
Surr: Toluene-d8			49.1	50.0		98.2	80.1	122	05/17/2011	





# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11050704

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

Report Date: 17-May-11

Carrier: Jared Blanton

Received By: TWM

Completed by: *Marvin L. Darling II*  
On: 13-May-11  
Marvin L. Darling

Reviewed by: *Elizabeth A. Hurley*  
On: 16-May-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

COC Serial No. **B** 10015

11050704

Project Name: Champaign MGP Project Mgr.: P. SAZAMA

Project Number: 624-0908-0120 Cost Code: 50002

Sampler(s): S. BLANTON

Laboratory Name: TEKLAB

Location: COLLINSVILLE

Sample Number and (depth)

Date

Time

Matrix

Soil

Water

Air

Wipes

Other \*

Total Number of Containers

Analyses by Method Name and Number

Comments (Field PID)

Lab ID #s

Laboratory Temperature upon Receipt

Signature

Date

Time

Received by:

Signature

Date

Time

Relinquished by:

Signature

Date

Time

Shipping:

Carrier / Airbill No.

Distribution:

WHITE to Lab

CANARY to PM

PINK to QA/QC

GREEN to Sampler

PE-179 (6/03)

P9-G1.5-F(14')

5/13/11 8:35AM X

P9-G1.5-F(16')

5/13/11 9:00AM X

\* RUSH

\* RUSH

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# 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. SAZAMA & L. HOOSIER

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

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

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

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

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

**Shipping:**

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

Distribution: \_\_\_\_\_

**Relinquished by:**

Signature: Jared Blanton

Date: 5/13/11 Time: 3:45

**Received by:**

Signature: Tom C. H. H.

Date: 5-13-11 Time: 1546

June 03, 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:** 11050904

Dear Pete Sazama:

TEKLAB, INC received 8 samples on 5/18/2011 6:20:00 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:** 11050904

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

**Report Date:** 03-Jun-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:** 11050904

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

**Report Date:** 03-Jun-11

**Cooler Receipt Temp:** 4.2 °C

Herbicide analysis performed by Keystone Laboratories, Inc. See attached report for QC data.

### 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: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-001

Client Sample ID: P9-H1-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		21.4	%	1	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		78.6	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		2.85		Interference	mg/Kg-dry	4	05/20/2011 8:04	R149754
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	2.85	SR	6.88	mg/Kg-dry	4	05/20/2011 8:04	R149754
<i>Matrix interference present in sample. RPD was outside of QC limit.</i>								
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.40		13.0	mg/Kg-dry	1	05/20/2011 20:16	68307
Barium	NELAP	0.48		159	mg/Kg-dry	1	05/20/2011 20:16	68307
Cadmium	NELAP	0.19		0.62	mg/Kg-dry	1	05/20/2011 20:16	68307
Chromium	NELAP	0.96		28.0	mg/Kg-dry	1	05/20/2011 20:16	68307
Lead	NELAP	3.85		39.1	mg/Kg-dry	1	05/20/2011 20:16	68307
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	05/20/2011 20:16	68307
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	05/23/2011 9:43	68313
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012		0.083	mg/Kg-dry	1	05/20/2011 9:30	68318
<b>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</b>								
4,4'-DDD	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
4,4'-DDE	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
4,4'-DDT	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
Alachlor	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
Aldrin	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
alpha-BHC	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
alpha-Chlordane	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
beta-BHC	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
Chlordane	NELAP	8.46		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
delta-BHC	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
Dieldrin	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
Endosulfan I	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
Endosulfan II	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
Endosulfan sulfate	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
Endrin	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
Endrin aldehyde	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
Endrin ketone	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
gamma-BHC	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
gamma-Chlordane	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
Heptachlor	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
Heptachlor epoxide	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
Methoxychlor	NELAP	4.23		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
Toxaphene	NELAP	76.0		ND	µg/Kg-dry	1	05/23/2011 13:52	68308
Surr: Decachlorobiphenyl		48-149		98.4	%REC	1	05/23/2011 13:52	68308
Surr: Tetrachloro-m-xylene		19-145		65.2	%REC	1	05/23/2011 13:52	68308

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-001

Client Sample ID: P9-H1-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:00

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	94.9		ND	µg/Kg-dry	1	05/20/2011 14:42	68308
Aroclor 1221	NELAP	94.9		ND	µg/Kg-dry	1	05/20/2011 14:42	68308
Aroclor 1232	NELAP	94.9		ND	µg/Kg-dry	1	05/20/2011 14:42	68308
Aroclor 1242	NELAP	94.9		ND	µg/Kg-dry	1	05/20/2011 14:42	68308
Aroclor 1248	NELAP	94.9		ND	µg/Kg-dry	1	05/20/2011 14:42	68308
Aroclor 1254	NELAP	94.9		ND	µg/Kg-dry	1	05/20/2011 14:42	68308
Aroclor 1260	NELAP	94.9		ND	µg/Kg-dry	1	05/20/2011 14:42	68308
Surr: Decachlorobiphenyl		5-156		123.8	%REC	1	05/20/2011 14:42	68308
Surr: Tetrachloro-meta-xylene		7.35-123		75.7	%REC	1	05/20/2011 14:42	68308
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 19:44	68330
Acenaphthylene	NELAP	0.004		0.098	mg/Kg-dry	1	05/24/2011 19:44	68330
Anthracene	NELAP	0.004		0.016	mg/Kg-dry	1	05/24/2011 19:44	68330
Benzo(a)anthracene	NELAP	0.004		0.032	mg/Kg-dry	1	05/24/2011 19:44	68330
Benzo(a)pyrene	NELAP	0.004		0.063	mg/Kg-dry	1	05/24/2011 19:44	68330
Benzo(b)fluoranthene	NELAP	0.004		0.079	mg/Kg-dry	1	05/24/2011 19:44	68330
Benzo(g,h,i)perylene	NELAP	0.004		0.097	mg/Kg-dry	1	05/24/2011 19:44	68330
Benzo(k)fluoranthene	NELAP	0.004		0.026	mg/Kg-dry	1	05/24/2011 19:44	68330
Bis(2-ethylhexyl)phthalate	NELAP	0.085		ND	mg/Kg-dry	1	05/24/2011 19:44	68330
Chrysene	NELAP	0.004		0.038	mg/Kg-dry	1	05/24/2011 19:44	68330
Dibenzo(a,h)anthracene	NELAP	0.004		0.023	mg/Kg-dry	1	05/24/2011 19:44	68330
Fluoranthene	NELAP	0.004		0.045	mg/Kg-dry	1	05/24/2011 19:44	68330
Fluorene	NELAP	0.004		0.006	mg/Kg-dry	1	05/24/2011 19:44	68330
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.076	mg/Kg-dry	1	05/24/2011 19:44	68330
Naphthalene	NELAP	0.004		0.022	mg/Kg-dry	1	05/24/2011 19:44	68330
Phenanthrene	NELAP	0.004		0.025	mg/Kg-dry	1	05/24/2011 19:44	68330
Pyrene	NELAP	0.004		0.050	mg/Kg-dry	1	05/24/2011 19:44	68330
Surr: 2-Fluorobiphenyl		10-131		62.8	%REC	1	05/24/2011 19:44	68330
Surr: Nitrobenzene-d5		10-132		56.9	%REC	1	05/24/2011 19:44	68330
Surr: p-Terphenyl-d14		80.2-138		101.1	%REC	1	05/24/2011 19:44	68330
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
1,2-Dichlorobenzene	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
1,3-Dichlorobenzene	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
1,4-Dichlorobenzene	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
2,4,5-Trichlorophenol	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
2,4,6-Trichlorophenol	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
2,4-Dichlorophenol	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
2,4-Dimethylphenol	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
2,4-Dinitrophenol	NELAP	1.27		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
2,4-Dinitrotoluene	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
2,6-Dinitrotoluene	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
2-Chloronaphthalene	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
2-Chlorophenol	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
2-Methoxy-4-methylphenol		0.827		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
2-Methylnaphthalene	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
2-Nitroaniline	NELAP	1.27		ND	mg/Kg-dry	1	05/20/2011 19:55	68331



Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-001

Client Sample ID: P9-H1-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Nitrophenol	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
3,3'-Dichlorobenzidine	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
3-Nitroaniline	NELAP	1.27		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
4,6-Dinitro-2-methylphenol	NELAP	1.27		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
4-Bromophenyl phenyl ether	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
4-Chloro-3-methylphenol	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
4-Chloroaniline	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
4-Chlorophenyl phenyl ether	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
4-Nitroaniline	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
4-Nitrophenol	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Aniline	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Azobenzene		0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Benzidine	NELAP	1.34		See note	mg/Kg-dry	1	05/20/2011 19:55	68331
Benzoic acid	NELAP	1.91		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Benzyl alcohol	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Bis(2-chloroethoxy)methane	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Bis(2-chloroethyl)ether	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Bis(2-chloroisopropyl)ether	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Butyl benzyl phthalate	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Carbazole		0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Dibenzofuran	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Diethyl phthalate	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Dimethyl phthalate	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Di-n-butyl phthalate	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Di-n-octyl phthalate	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Hexachlorobenzene	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Hexachlorobutadiene	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Hexachlorocyclopentadiene	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Hexachloroethane	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Isophorone	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
m,p-Cresol	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Nitrobenzene	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
N-Nitrosodimethylamine	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
N-Nitroso-di-n-propylamine	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
N-Nitrosodiphenylamine	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
o-Cresol	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Pentachlorophenol	NELAP	2.54		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Phenol	NELAP	0.445		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Pyridine	NELAP	0.636		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
1,2-Diphenylhydrazine		1.07		ND	mg/Kg-dry	1	05/20/2011 19:55	68331
Surr: 2,4,6-Tribromophenol		32.7-130		97.6	%REC	1	05/20/2011 19:55	68331
Surr: 2-Fluorobiphenyl		34.1-116		70.1	%REC	1	05/20/2011 19:55	68331
Surr: 2-Fluorophenol		30.5-99		68.6	%REC	1	05/20/2011 19:55	68331
Surr: Nitrobenzene-d5		34.1-101		66.9	%REC	1	05/20/2011 19:55	68331
Surr: Phenol-d5		34.9-110		71.0	%REC	1	05/20/2011 19:55	68331
Surr: p-Terphenyl-d14		41.7-124		78.9	%REC	1	05/20/2011 19:55	68331

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-001

Client Sample ID: P9-H1-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:00

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	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,1,1-Trichloroethane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,1,2,2-Tetrachloroethane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,1,2-Trichloroethane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,1-Dichloro-2-propanone		67.0		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,1-Dichloroethane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,1-Dichloroethene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,1-Dichloropropene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,2,3-Trichlorobenzene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,2,3-Trichloropropane	NELAP	13.4		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,2,3-Trimethylbenzene		6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,2,4-Trichlorobenzene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,2,4-Trimethylbenzene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,2-Dibromo-3-chloropropane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,2-Dibromoethane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,2-Dichlorobenzene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,2-Dichloroethane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,2-Dichloropropane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,3,5-Trimethylbenzene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,3-Dichlorobenzene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,3-Dichloropropane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1,4-Dichlorobenzene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
1-Chlorobutane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
2,2-Dichloropropane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
2-Butanone	NELAP	67.0	J	42	µg/Kg-dry	1	05/23/2011 14:43	68383
2-Chlorotoluene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
2-Hexanone	NELAP	67.0		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
2-Nitropropane	NELAP	67.0		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
4-Chlorotoluene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
4-Methyl-2-pentanone	NELAP	67.0		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Acetone	NELAP	67.0		187	µg/Kg-dry	1	05/23/2011 14:43	68383
Acrolein	NELAP	134		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Acrylonitrile	NELAP	13.4		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Allyl chloride	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Benzene	NELAP	1.3		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Bromobenzene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Bromochloromethane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Bromodichloromethane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Bromoform	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Bromomethane	NELAP	13.4		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Carbon disulfide	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Carbon tetrachloride	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Chlorobenzene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Chloroethane	NELAP	13.4		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Chloroform	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Chloromethane	NELAP	13.4		ND	µg/Kg-dry	1	05/23/2011 14:43	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-001

Client Sample ID: P9-H1-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
cis-1,2-Dichloroethene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
cis-1,3-Dichloropropene	NELAP	5.4		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Cyclohexanone		134		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Dibromochloromethane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Dibromomethane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Dichlorodifluoromethane	NELAP	13.4		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Ethyl acetate	NELAP	67.0		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Ethyl ether	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Ethyl methacrylate	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Ethylbenzene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Heptane		26.8		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Hexachlorobutadiene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Hexachloroethane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Iodomethane	NELAP	13.4	J	4.4	µg/Kg-dry	1	05/23/2011 14:43	68383
Isopropylbenzene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
m,p-Xylenes	NELAP	6.7	J	3.3	µg/Kg-dry	1	05/23/2011 14:43	68383
Methacrylonitrile	NELAP	67.0		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Methyl Methacrylate	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Methyl tert-butyl ether	NELAP	2.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Methylacrylate		13.4		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Methylene chloride	NELAP	6.7	J	4.7	µg/Kg-dry	1	05/23/2011 14:43	68383
Naphthalene	NELAP	13.4		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
n-Butylbenzene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
n-Hexane		26.8		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Nitrobenzene	NELAP	134		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
n-Propylbenzene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
o-Xylene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Pentachloroethane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
p-Isopropyltoluene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Propionitrile	NELAP	67.0		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
sec-Butylbenzene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Styrene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
tert-Butylbenzene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Tetrachloroethene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Tetrahydrofuran	NELAP	67.0		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Toluene	NELAP	6.7	J	1.4	µg/Kg-dry	1	05/23/2011 14:43	68383
trans-1,2-Dichloroethene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
trans-1,3-Dichloropropene	NELAP	5.4		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Trichloroethene	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Trichlorofluoromethane	NELAP	6.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Vinyl acetate	NELAP	67.0		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Vinyl chloride	NELAP	2.7		ND	µg/Kg-dry	1	05/23/2011 14:43	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		109.8	%REC	1	05/23/2011 14:43	68383
Surr: 4-Bromofluorobenzene		82.1-116		105.9	%REC	1	05/23/2011 14:43	68383
Surr: Dibromofluoromethane		77.7-120		106.9	%REC	1	05/23/2011 14:43	68383
Surr: Toluene-d8		86-116		94.5	%REC	1	05/23/2011 14:43	68383



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

**Lab ID:** 11050904-001

**Client Sample ID:** P9-H1-W (3 ft)

**Matrix:** SOLID

**Collection Date:** 05/18/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</b>								
2,4,5-T	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 16:58	R150189
2,4,5-TP (Silvex)	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 16:58	R150189
2,4-D	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 16:58	R150189
2,4-DB	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 16:58	R150189
3,5-Dichlorobenzoic Acid	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 16:58	R150189
Acifluorfen	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 16:58	R150189
Bentazon	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 16:58	R150189
Chloramben	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 16:58	R150189
Dalapon	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 16:58	R150189
DCPA	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 16:58	R150189
Dicamba	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 16:58	R150189
Dichlorprop	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 16:58	R150189
Dinoseb	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 16:58	R150189
Pentachlorophenol	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 16:58	R150189
Picloram	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 16:58	R150189
Surr: DCAA		24-140		107.0	%REC	1	05/26/2011 16:58	R150189

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-002

Client Sample ID: P9-H1-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		17.8	%	1	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		82.2	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.608		Interference	mg/Kg-dry	1	05/20/2011 8:04	R149754
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.61		1.00	mg/Kg-dry	1	05/20/2011 8:04	R149754
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.36		7.83	mg/Kg-dry	1	05/20/2011 20:45	68307
Barium	NELAP	0.47		72.6	mg/Kg-dry	1	05/20/2011 20:45	68307
Cadmium	NELAP	0.19		0.22	mg/Kg-dry	1	05/20/2011 20:45	68307
Chromium	NELAP	0.94		20.2	mg/Kg-dry	1	05/20/2011 20:45	68307
Lead	NELAP	3.77		12.2	mg/Kg-dry	1	05/20/2011 20:45	68307
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	05/20/2011 20:45	68307
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.545		< 0.545	mg/Kg-dry	1	05/23/2011 9:47	68313
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012	J	0.011	mg/Kg-dry	1	05/20/2011 9:30	68318
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.041		1.09	mg/Kg-dry	10	05/24/2011 17:20	68330
Acenaphthylene	NELAP	0.041		0.373	mg/Kg-dry	10	05/24/2011 17:20	68330
Anthracene	NELAP	0.041		0.486	mg/Kg-dry	10	05/24/2011 17:20	68330
Benzo(a)anthracene	NELAP	0.041		0.502	mg/Kg-dry	10	05/24/2011 17:20	68330
Benzo(a)pyrene	NELAP	0.041		0.494	mg/Kg-dry	10	05/24/2011 17:20	68330
Benzo(b)fluoranthene	NELAP	0.041		0.381	mg/Kg-dry	10	05/24/2011 17:20	68330
Benzo(g,h,i)perylene	NELAP	0.041		0.239	mg/Kg-dry	10	05/24/2011 17:20	68330
Benzo(k)fluoranthene	NELAP	0.041		0.126	mg/Kg-dry	10	05/24/2011 17:20	68330
Bis(2-ethylhexyl)phthalate	NELAP	0.814		ND	mg/Kg-dry	10	05/24/2011 17:20	68330
Chrysene	NELAP	0.041		0.470	mg/Kg-dry	10	05/24/2011 17:20	68330
Dibenzo(a,h)anthracene	NELAP	0.041		0.053	mg/Kg-dry	10	05/24/2011 17:20	68330
Fluoranthene	NELAP	0.041		1.37	mg/Kg-dry	10	05/24/2011 17:20	68330
Fluorene	NELAP	0.041		1.15	mg/Kg-dry	10	05/24/2011 17:20	68330
Indeno(1,2,3-cd)pyrene	NELAP	0.041		0.178	mg/Kg-dry	10	05/24/2011 17:20	68330
Naphthalene	NELAP	0.041		ND	mg/Kg-dry	10	05/24/2011 17:20	68330
Phenanthrene	NELAP	0.041		2.60	mg/Kg-dry	10	05/24/2011 17:20	68330
Pyrene	NELAP	0.041		2.07	mg/Kg-dry	10	05/24/2011 17:20	68330
Surr: 2-Fluorobiphenyl		10-131		94.9	%REC	10	05/24/2011 17:20	68330
Surr: Nitrobenzene-d5		10-132		87.6	%REC	10	05/24/2011 17:20	68330
Surr: p-Terphenyl-d14		80.2-138		134.1	%REC	10	05/24/2011 17:20	68330
<i>Elevated reporting limit(s) due to sample extract composition.</i>								
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
1,2-Dichlorobenzene	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
1,3-Dichlorobenzene	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
1,4-Dichlorobenzene	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
2,4,5-Trichlorophenol	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-002

Client Sample ID: P9-H1-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,6-Trichlorophenol	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
2,4-Dichlorophenol	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
2,4-Dimethylphenol	NELAP	0.608	S	ND	mg/Kg-dry	1	05/20/2011 16:43	68331
2,4-Dinitrophenol	NELAP	1.22		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
2,4-Dinitrotoluene	NELAP	0.425	S	ND	mg/Kg-dry	1	05/20/2011 16:43	68331
2,6-Dinitrotoluene	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
2-Chloronaphthalene	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
2-Chlorophenol	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
2-Methoxy-4-methylphenol		0.790		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
2-Methylnaphthalene	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
2-Nitroaniline	NELAP	1.22		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
2-Nitrophenol	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
3,3'-Dichlorobenzidine	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
3-Nitroaniline	NELAP	1.22		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
4,6-Dinitro-2-methylphenol	NELAP	1.22		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
4-Bromophenyl phenyl ether	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
4-Chloro-3-methylphenol	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
4-Chloroaniline	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
4-Chlorophenyl phenyl ether	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
4-Nitroaniline	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
4-Nitrophenol	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Aniline	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Azobenzene		0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Benzidine	NELAP	1.28		See note	mg/Kg-dry	1	05/20/2011 16:43	68331
Benzoic acid	NELAP	1.82		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Benzyl alcohol	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Bis(2-chloroethoxy)methane	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Bis(2-chloroethyl)ether	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Bis(2-chloroisopropyl)ether	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Butyl benzyl phthalate	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Carbazole		0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Dibenzofuran	NELAP	0.425		0.446	mg/Kg-dry	1	05/20/2011 16:43	68331
Diethyl phthalate	NELAP	0.608	S	ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Dimethyl phthalate	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Di-n-butyl phthalate	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Di-n-octyl phthalate	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Hexachlorobenzene	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Hexachlorobutadiene	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Hexachlorocyclopentadiene	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Hexachloroethane	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Isophorone	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
m,p-Cresol	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Nitrobenzene	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
N-Nitrosodimethylamine	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
N-Nitroso-di-n-propylamine	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
N-Nitrosodiphenylamine	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
o-Cresol	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-002

Client Sample ID: P9-H1-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:10

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	05/20/2011 16:43	68331
Phenol	NELAP	0.425		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Pyridine	NELAP	0.608		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
1,2-Diphenylhydrazine		1.02		ND	mg/Kg-dry	1	05/20/2011 16:43	68331
Surr: 2,4,6-Tribromophenol		32.7-130		117.1	%REC	1	05/20/2011 16:43	68331
Surr: 2-Fluorobiphenyl		34.1-116		72.5	%REC	1	05/20/2011 16:43	68331
Surr: 2-Fluorophenol		30.5-99		74.2	%REC	1	05/20/2011 16:43	68331
Surr: Nitrobenzene-d5		34.1-101		74.4	%REC	1	05/20/2011 16:43	68331
Surr: Phenol-d5		34.9-110		75.4	%REC	1	05/20/2011 16:43	68331
Surr: p-Terphenyl-d14		41.7-124		75.9	%REC	1	05/20/2011 16:43	68331
<i>Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.</i>								
<i>Matrix spike did not recover within control limits because of sample composition.</i>								
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,1,1-Trichloroethane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,1,2,2-Tetrachloroethane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,1,2-Trichloroethane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,1-Dichloro-2-propanone		2220		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,1-Dichloroethane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,1-Dichloroethene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,1-Dichloropropene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,2,3-Trichlorobenzene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,2,3-Trichloropropane	NELAP	444		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,2,3-Trimethylbenzene		222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,2,4-Trichlorobenzene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,2,4-Trimethylbenzene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,2-Dibromo-3-chloropropane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,2-Dibromoethane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,2-Dichlorobenzene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,2-Dichloroethane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,2-Dichloropropane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,3,5-Trimethylbenzene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,3-Dichlorobenzene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,3-Dichloropropane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1,4-Dichlorobenzene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
1-Chlorobutane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
2,2-Dichloropropane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
2-Butanone	NELAP	2220		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
2-Chlorotoluene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
2-Hexanone	NELAP	2220		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
2-Nitropropane	NELAP	2220		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
4-Chlorotoluene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
4-Methyl-2-pentanone	NELAP	2220		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Acetone	NELAP	2220		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Acrolein	NELAP	4440		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Acrylonitrile	NELAP	444		ND	µg/Kg-dry	25	05/23/2011 15:13	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-002

Client Sample ID: P9-H1-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:10

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	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Benzene	NELAP	44.4		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Bromobenzene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Bromochloromethane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Bromodichloromethane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Bromoform	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Bromomethane	NELAP	444		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Carbon disulfide	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Carbon tetrachloride	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Chlorobenzene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Chloroethane	NELAP	444		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Chloroform	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Chloromethane	NELAP	444		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
cis-1,2-Dichloroethene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
cis-1,3-Dichloropropene	NELAP	178		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Cyclohexanone		4440		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Dibromochloromethane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Dibromomethane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Dichlorodifluoromethane	NELAP	444		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Ethyl acetate	NELAP	2220		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Ethyl ether	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Ethyl methacrylate	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Ethylbenzene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Heptane		888		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Hexachlorobutadiene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Hexachloroethane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Iodomethane	NELAP	444		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Isopropylbenzene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
m,p-Xylenes	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Methacrylonitrile	NELAP	2220		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Methyl Methacrylate	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Methyl tert-butyl ether	NELAP	88.8		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Methylacrylate		444		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Methylene chloride	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Naphthalene	NELAP	444		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
n-Butylbenzene	NELAP	222	J	150	µg/Kg-dry	25	05/23/2011 15:13	68383
n-Hexane		888		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Nitrobenzene	NELAP	4440		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
n-Propylbenzene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
o-Xylene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Pentachloroethane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
p-Isopropyltoluene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Propionitrile	NELAP	2220		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
sec-Butylbenzene	NELAP	222	J	58	µg/Kg-dry	25	05/23/2011 15:13	68383
Styrene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
tert-Butylbenzene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Tetrachloroethene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383





## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

**Lab ID:** 11050904-002

**Client Sample ID:** P9-H1-W (8 ft)

**Matrix:** SOLID

**Collection Date:** 05/18/2011 9:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Tetrahydrofuran	NELAP	2220		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Toluene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
trans-1,2-Dichloroethene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
trans-1,3-Dichloropropene	NELAP	178		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Trichloroethene	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Trichlorofluoromethane	NELAP	222		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Vinyl acetate	NELAP	2220		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Vinyl chloride	NELAP	88.8		ND	µg/Kg-dry	25	05/23/2011 15:13	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		106.6	%REC	25	05/23/2011 15:13	68383
Surr: 4-Bromofluorobenzene		82.1-116		104.9	%REC	25	05/23/2011 15:13	68383
Surr: Dibromofluoromethane		77.7-120		104.8	%REC	25	05/23/2011 15:13	68383
Surr: Toluene-d8		86-116		93.9	%REC	25	05/23/2011 15:13	68383

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-003

Client Sample ID: P9-H2-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		19.6	%	1	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		80.4	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		1.44		< 1.44	mg/Kg-dry	2	05/20/2011 8:04	R149754
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	1.44		5.29	mg/Kg-dry	2	05/20/2011 8:04	R149754
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		10.7	mg/Kg-dry	1	05/20/2011 20:50	68307
Barium	NELAP	0.46		179	mg/Kg-dry	1	05/20/2011 20:50	68307
Cadmium	NELAP	0.19		0.55	mg/Kg-dry	1	05/20/2011 20:50	68307
Chromium	NELAP	0.93		22.1	mg/Kg-dry	1	05/20/2011 20:50	68307
Lead	NELAP	3.70		40.1	mg/Kg-dry	1	05/20/2011 20:50	68307
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	05/20/2011 20:50	68307
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	05/23/2011 9:50	68313
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012		0.030	mg/Kg-dry	1	05/20/2011 9:30	68318
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.042		ND	mg/Kg-dry	10	05/24/2011 17:56	68330
Acenaphthylene	NELAP	0.042		0.758	mg/Kg-dry	10	05/24/2011 17:56	68330
Anthracene	NELAP	0.042		0.112	mg/Kg-dry	10	05/24/2011 17:56	68330
Benzo(a)anthracene	NELAP	0.042		0.058	mg/Kg-dry	10	05/24/2011 17:56	68330
Benzo(a)pyrene	NELAP	0.042		0.128	mg/Kg-dry	10	05/24/2011 17:56	68330
Benzo(b)fluoranthene	NELAP	0.042		0.141	mg/Kg-dry	10	05/24/2011 17:56	68330
Benzo(g,h,i)perylene	NELAP	0.042		0.340	mg/Kg-dry	10	05/24/2011 17:56	68330
Benzo(k)fluoranthene	NELAP	0.042		ND	mg/Kg-dry	10	05/24/2011 17:56	68330
Bis(2-ethylhexyl)phthalate	NELAP	0.833		ND	mg/Kg-dry	10	05/24/2011 17:56	68330
Chrysene	NELAP	0.042		0.070	mg/Kg-dry	10	05/24/2011 17:56	68330
Dibenzo(a,h)anthracene	NELAP	0.042		0.054	mg/Kg-dry	10	05/24/2011 17:56	68330
Fluoranthene	NELAP	0.042		0.079	mg/Kg-dry	10	05/24/2011 17:56	68330
Fluorene	NELAP	0.042		0.066	mg/Kg-dry	10	05/24/2011 17:56	68330
Indeno(1,2,3-cd)pyrene	NELAP	0.042		0.290	mg/Kg-dry	10	05/24/2011 17:56	68330
Naphthalene	NELAP	0.042		ND	mg/Kg-dry	10	05/24/2011 17:56	68330
Phenanthrene	NELAP	0.042		0.054	mg/Kg-dry	10	05/24/2011 17:56	68330
Pyrene	NELAP	0.042		0.120	mg/Kg-dry	10	05/24/2011 17:56	68330
Surr: 2-Fluorobiphenyl		10-131		86.9	%REC	10	05/24/2011 17:56	68330
Surr: Nitrobenzene-d5		10-132		63.2	%REC	10	05/24/2011 17:56	68330
Surr: p-Terphenyl-d14		80.2-138		134.9	%REC	10	05/24/2011 17:56	68330
<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	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
1,2-Dichlorobenzene	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
1,3-Dichlorobenzene	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
1,4-Dichlorobenzene	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
2,4,5-Trichlorophenol	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-003

Client Sample ID: P9-H2-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 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	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
2,4-Dichlorophenol	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
2,4-Dimethylphenol	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
2,4-Dinitrophenol	NELAP	6.21		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
2,4-Dinitrotoluene	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
2,6-Dinitrotoluene	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
2-Chloronaphthalene	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
2-Chlorophenol	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
2-Methoxy-4-methylphenol		4.04		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
2-Methylnaphthalene	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
2-Nitroaniline	NELAP	6.21		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
2-Nitrophenol	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
3,3'-Dichlorobenzidine	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
3-Nitroaniline	NELAP	6.21		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
4,6-Dinitro-2-methylphenol	NELAP	6.21		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
4-Bromophenyl phenyl ether	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
4-Chloro-3-methylphenol	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
4-Chloroaniline	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
4-Chlorophenyl phenyl ether	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
4-Nitroaniline	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
4-Nitrophenol	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Aniline	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Azobenzene		2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Benzidine	NELAP	6.56		See note	mg/Kg-dry	5	05/20/2011 20:27	68331
Benzoic acid	NELAP	9.32		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Benzyl alcohol	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Bis(2-chloroethoxy)methane	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Bis(2-chloroethyl)ether	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Bis(2-chloroisopropyl)ether	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Butyl benzyl phthalate	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Carbazole		3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Dibenzofuran	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Diethyl phthalate	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Dimethyl phthalate	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Di-n-butyl phthalate	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Di-n-octyl phthalate	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Hexachlorobenzene	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Hexachlorobutadiene	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Hexachlorocyclopentadiene	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Hexachloroethane	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Isophorone	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
m,p-Cresol	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Nitrobenzene	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
N-Nitrosodimethylamine	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
N-Nitroso-di-n-propylamine	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
N-Nitrosodiphenylamine	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
o-Cresol	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-003

Client Sample ID: P9-H2-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 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	12.4		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Phenol	NELAP	2.17		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Pyridine	NELAP	3.11		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
1,2-Diphenylhydrazine		5.22		ND	mg/Kg-dry	5	05/20/2011 20:27	68331
Surr: 2,4,6-Tribromophenol		32.7-130		96.6	%REC	5	05/20/2011 20:27	68331
Surr: 2-Fluorobiphenyl		34.1-116		70.0	%REC	5	05/20/2011 20:27	68331
Surr: 2-Fluorophenol		30.5-99		69.7	%REC	5	05/20/2011 20:27	68331
Surr: Nitrobenzene-d5		34.1-101		65.1	%REC	5	05/20/2011 20:27	68331
Surr: Phenol-d5		34.9-110		70.3	%REC	5	05/20/2011 20:27	68331
Surr: p-Terphenyl-d14		41.7-124		79.3	%REC	5	05/20/2011 20:27	68331

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

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

<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,1,1-Trichloroethane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,1,2,2-Tetrachloroethane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,1,2-Trichloroethane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,1-Dichloro-2-propanone		61.4		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,1-Dichloroethane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,1-Dichloroethene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,1-Dichloropropene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,2,3-Trichlorobenzene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,2,3-Trichloropropane	NELAP	12.3		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,2,3-Trimethylbenzene		6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,2,4-Trichlorobenzene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,2,4-Trimethylbenzene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,2-Dibromo-3-chloropropane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,2-Dibromoethane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,2-Dichlorobenzene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,2-Dichloroethane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,2-Dichloropropane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,3,5-Trimethylbenzene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,3-Dichlorobenzene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,3-Dichloropropane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1,4-Dichlorobenzene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
1-Chlorobutane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
2,2-Dichloropropane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
2-Butanone	NELAP	61.4		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
2-Chlorotoluene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
2-Hexanone	NELAP	61.4		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
2-Nitropropane	NELAP	61.4		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
4-Chlorotoluene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
4-Methyl-2-pentanone	NELAP	61.4		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Acetone	NELAP	61.4	J	42	µg/Kg-dry	1	05/23/2011 15:43	68383
Acrolein	NELAP	123		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Acrylonitrile	NELAP	12.3		ND	µg/Kg-dry	1	05/23/2011 15:43	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-003

Client Sample ID: P9-H2-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Allyl chloride	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Benzene	NELAP	1.2		1.4	µg/Kg-dry	1	05/23/2011 15:43	68383
Bromobenzene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Bromochloromethane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Bromodichloromethane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Bromoform	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Bromomethane	NELAP	12.3		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Carbon disulfide	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Carbon tetrachloride	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Chlorobenzene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Chloroethane	NELAP	12.3		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Chloroform	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Chloromethane	NELAP	12.3		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
cis-1,2-Dichloroethene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
cis-1,3-Dichloropropene	NELAP	4.9		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Cyclohexanone		123		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Dibromochloromethane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Dibromomethane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Dichlorodifluoromethane	NELAP	12.3		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Ethyl acetate	NELAP	61.4		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Ethyl ether	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Ethyl methacrylate	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Ethylbenzene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Heptane		24.6		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Hexachlorobutadiene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Hexachloroethane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Iodomethane	NELAP	12.3		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Isopropylbenzene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
m,p-Xylenes	NELAP	6.1	J	3.4	µg/Kg-dry	1	05/23/2011 15:43	68383
Methacrylonitrile	NELAP	61.4		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Methyl Methacrylate	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Methyl tert-butyl ether	NELAP	2.5		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Methylacrylate		12.3		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Methylene chloride	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Naphthalene	NELAP	12.3		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
n-Butylbenzene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
n-Hexane		24.6		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Nitrobenzene	NELAP	123		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
n-Propylbenzene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
o-Xylene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Pentachloroethane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
p-Isopropyltoluene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Propionitrile	NELAP	61.4		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
sec-Butylbenzene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Styrene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
tert-Butylbenzene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Tetrachloroethene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

**Lab ID:** 11050904-003

**Client Sample ID:** P9-H2-W (3 ft)

**Matrix:** SOLID

**Collection Date:** 05/18/2011 9:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Tetrahydrofuran	NELAP	61.4		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Toluene	NELAP	6.1	J	1.6	µg/Kg-dry	1	05/23/2011 15:43	68383
trans-1,2-Dichloroethene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
trans-1,3-Dichloropropene	NELAP	4.9		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Trichloroethene	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Trichlorofluoromethane	NELAP	6.1		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Vinyl acetate	NELAP	61.4		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Vinyl chloride	NELAP	2.5		ND	µg/Kg-dry	1	05/23/2011 15:43	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		109.6	%REC	1	05/23/2011 15:43	68383
Surr: 4-Bromofluorobenzene		82.1-116		96.6	%REC	1	05/23/2011 15:43	68383
Surr: Dibromofluoromethane		77.7-120		107.9	%REC	1	05/23/2011 15:43	68383
Surr: Toluene-d8		86-116		102.4	%REC	1	05/23/2011 15:43	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-004

Client Sample ID: P9-H2-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		15.4	%	1	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		84.6	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.602		< 0.602	mg/Kg-dry	1	05/20/2011 8:04	R149754
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.59	J	0.34	mg/Kg-dry	1	05/20/2011 8:04	R149754
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		9.80	mg/Kg-dry	1	05/20/2011 20:56	68307
Barium	NELAP	0.50		91.8	mg/Kg-dry	1	05/20/2011 20:56	68307
Cadmium	NELAP	0.20		0.90	mg/Kg-dry	1	05/20/2011 20:56	68307
Chromium	NELAP	1.00		18.2	mg/Kg-dry	1	05/20/2011 20:56	68307
Lead	NELAP	4.00		13.2	mg/Kg-dry	1	05/20/2011 20:56	68307
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	05/20/2011 20:56	68307
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	05/23/2011 9:53	68313
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011		0.015	mg/Kg-dry	1	05/20/2011 9:30	68318
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.101		1.79	mg/Kg-dry	25	05/24/2011 18:32	68330
Acenaphthylene	NELAP	0.101		4.22	mg/Kg-dry	25	05/24/2011 18:32	68330
Anthracene	NELAP	0.101		3.16	mg/Kg-dry	25	05/24/2011 18:32	68330
Benzo(a)anthracene	NELAP	0.101		1.70	mg/Kg-dry	25	05/24/2011 18:32	68330
Benzo(a)pyrene	NELAP	0.101		1.12	mg/Kg-dry	25	05/24/2011 18:32	68330
Benzo(b)fluoranthene	NELAP	0.101		1.08	mg/Kg-dry	25	05/24/2011 18:32	68330
Benzo(g,h,i)perylene	NELAP	0.101		0.483	mg/Kg-dry	25	05/24/2011 18:32	68330
Benzo(k)fluoranthene	NELAP	0.101		0.394	mg/Kg-dry	25	05/24/2011 18:32	68330
Bis(2-ethylhexyl)phthalate	NELAP	1.98		ND	mg/Kg-dry	25	05/24/2011 18:32	68330
Chrysene	NELAP	0.101		1.61	mg/Kg-dry	25	05/24/2011 18:32	68330
Dibenzo(a,h)anthracene	NELAP	0.101		0.138	mg/Kg-dry	25	05/24/2011 18:32	68330
Fluoranthene	NELAP	0.101		4.45	mg/Kg-dry	25	05/24/2011 18:32	68330
Fluorene	NELAP	0.101		5.19	mg/Kg-dry	25	05/24/2011 18:32	68330
Indeno(1,2,3-cd)pyrene	NELAP	0.101		0.424	mg/Kg-dry	25	05/24/2011 18:32	68330
Naphthalene	NELAP	0.101		0.966	mg/Kg-dry	25	05/24/2011 18:32	68330
Phenanthrene	NELAP	0.101		11.8	mg/Kg-dry	25	05/24/2011 18:32	68330
Pyrene	NELAP	0.101		6.25	mg/Kg-dry	25	05/24/2011 18:32	68330
Surr: 2-Fluorobiphenyl		10-131		122.2	%REC	25	05/24/2011 18:32	68330
Surr: Nitrobenzene-d5		10-132		64.0	%REC	25	05/24/2011 18:32	68330
Surr: p-Terphenyl-d14		80.2-138		136.1	%REC	25	05/24/2011 18:32	68330
<i>Elevated reporting limit(s) due to sample extract composition.</i>								
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
1,2-Dichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
1,3-Dichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
1,4-Dichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
2,4,5-Trichlorophenol	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-004

Client Sample ID: P9-H2-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:20

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	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
2,4-Dichlorophenol	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
2,4-Dimethylphenol	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
2,4-Dinitrophenol	NELAP	1.18		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
2,4-Dinitrotoluene	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
2,6-Dinitrotoluene	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
2-Chloronaphthalene	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
2-Chlorophenol	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
2-Methoxy-4-methylphenol		0.769		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
2-Methylnaphthalene	NELAP	4.14		19.0	mg/Kg-dry	10	05/23/2011 10:58	68331
2-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
2-Nitrophenol	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
3,3'-Dichlorobenzidine	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
3-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
4,6-Dinitro-2-methylphenol	NELAP	1.18		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
4-Bromophenyl phenyl ether	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
4-Chloro-3-methylphenol	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
4-Chloroaniline	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
4-Chlorophenyl phenyl ether	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
4-Nitroaniline	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
4-Nitrophenol	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Aniline	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Azobenzene		0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Benzidine	NELAP	1.25		See note	mg/Kg-dry	1	05/20/2011 22:03	68331
Benzoic acid	NELAP	1.77		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Benzyl alcohol	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Bis(2-chloroethoxy)methane	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Bis(2-chloroethyl)ether	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Bis(2-chloroisopropyl)ether	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Butyl benzyl phthalate	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Carbazole		0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Dibenzofuran	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Diethyl phthalate	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Dimethyl phthalate	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Di-n-butyl phthalate	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Di-n-octyl phthalate	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Hexachlorobenzene	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Hexachlorobutadiene	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Hexachlorocyclopentadiene	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Hexachloroethane	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Isophorone	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
m,p-Cresol	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Nitrobenzene	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
N-Nitrosodimethylamine	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
N-Nitroso-di-n-propylamine	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
N-Nitrosodiphenylamine	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
o-Cresol	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331



Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-004

Client Sample ID: P9-H2-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:20

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	2.37		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Phenol	NELAP	0.414		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Pyridine	NELAP	0.591		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
1,2-Diphenylhydrazine		0.993		ND	mg/Kg-dry	1	05/20/2011 22:03	68331
Surr: 2,4,6-Tribromophenol		32.7-130		127.7	%REC	1	05/20/2011 22:03	68331
Surr: 2-Fluorobiphenyl		34.1-116		65.2	%REC	1	05/20/2011 22:03	68331
Surr: 2-Fluorophenol		30.5-99		67.5	%REC	1	05/20/2011 22:03	68331
Surr: Nitrobenzene-d5		34.1-101		90.5	%REC	1	05/20/2011 22:03	68331
Surr: Phenol-d5		34.9-110		70.7	%REC	1	05/20/2011 22:03	68331
Surr: p-Terphenyl-d14		41.7-124		65.7	%REC	1	05/20/2011 22:03	68331

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	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,1,1-Trichloroethane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,1,2,2-Tetrachloroethane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,1,2-Trichloroethane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,1-Dichloro-2-propanone		2200		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,1-Dichloroethane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,1-Dichloroethene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,1-Dichloropropene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,2,3-Trichlorobenzene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,2,3-Trichloropropane	NELAP	440		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,2,3-Trimethylbenzene		220		1100	µg/Kg-dry	25	05/23/2011 16:13	68383
1,2,4-Trichlorobenzene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,2,4-Trimethylbenzene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,2-Dibromo-3-chloropropane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,2-Dibromoethane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,2-Dichlorobenzene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,2-Dichloroethane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,2-Dichloropropane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,3,5-Trimethylbenzene	NELAP	220		823	µg/Kg-dry	25	05/23/2011 16:13	68383
1,3-Dichlorobenzene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,3-Dichloropropane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1,4-Dichlorobenzene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
1-Chlorobutane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
2,2-Dichloropropane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
2-Butanone	NELAP	2200		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
2-Chlorotoluene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
2-Hexanone	NELAP	2200		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
2-Nitropropane	NELAP	2200		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
4-Chlorotoluene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
4-Methyl-2-pentanone	NELAP	2200		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Acetone	NELAP	2200		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Acrolein	NELAP	4400		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Acrylonitrile	NELAP	440		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Allyl chloride	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-004

Client Sample ID: P9-H2-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	44.0		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Bromobenzene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Bromochloromethane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Bromodichloromethane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Bromoform	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Bromomethane	NELAP	440		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Carbon disulfide	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Carbon tetrachloride	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Chlorobenzene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Chloroethane	NELAP	440		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Chloroform	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Chloromethane	NELAP	440		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
cis-1,2-Dichloroethene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
cis-1,3-Dichloropropene	NELAP	176		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Cyclohexanone		4400		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Dibromochloromethane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Dibromomethane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Dichlorodifluoromethane	NELAP	440		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Ethyl acetate	NELAP	2200		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Ethyl ether	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Ethyl methacrylate	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Ethylbenzene	NELAP	220		4720	µg/Kg-dry	25	05/23/2011 16:13	68383
Heptane		880	J	310	µg/Kg-dry	25	05/23/2011 16:13	68383
Hexachlorobutadiene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Hexachloroethane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Iodomethane	NELAP	440		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Isopropylbenzene	NELAP	220		826	µg/Kg-dry	25	05/23/2011 16:13	68383
m,p-Xylenes	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Methacrylonitrile	NELAP	2200		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Methyl Methacrylate	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Methyl tert-butyl ether	NELAP	88.0		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Methylacrylate		440		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Methylene chloride	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Naphthalene	NELAP	440		778	µg/Kg-dry	25	05/23/2011 16:13	68383
n-Butylbenzene	NELAP	220		3110	µg/Kg-dry	25	05/23/2011 16:13	68383
n-Hexane		880	J	88	µg/Kg-dry	25	05/23/2011 16:13	68383
Nitrobenzene	NELAP	4400		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
n-Propylbenzene	NELAP	220		992	µg/Kg-dry	25	05/23/2011 16:13	68383
o-Xylene	NELAP	220	J	210	µg/Kg-dry	25	05/23/2011 16:13	68383
Pentachloroethane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
p-Isopropyltoluene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Propionitrile	NELAP	2200		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
sec-Butylbenzene	NELAP	220		496	µg/Kg-dry	25	05/23/2011 16:13	68383
Styrene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
tert-Butylbenzene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Tetrachloroethene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Tetrahydrofuran	NELAP	2200		ND	µg/Kg-dry	25	05/23/2011 16:13	68383

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

**Lab ID:** 11050904-004

**Client Sample ID:** P9-H2-W (8 ft)

**Matrix:** SOLID

**Collection Date:** 05/18/2011 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Toluene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
trans-1,2-Dichloroethene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
trans-1,3-Dichloropropene	NELAP	176		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Trichloroethene	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Trichlorofluoromethane	NELAP	220		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Vinyl acetate	NELAP	2200		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Vinyl chloride	NELAP	88.0		ND	µg/Kg-dry	25	05/23/2011 16:13	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		100.3	%REC	25	05/23/2011 16:13	68383
Surr: 4-Bromofluorobenzene		82.1-116		102.6	%REC	25	05/23/2011 16:13	68383
Surr: Dibromofluoromethane		77.7-120		101.7	%REC	25	05/23/2011 16:13	68383
Surr: Toluene-d8		86-116		96.2	%REC	25	05/23/2011 16:13	68383

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-005

Client Sample ID: P9-H3-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		23.3	%	1	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		76.7	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		6.78		< 6.78	mg/Kg-dry	10	05/20/2011 8:04	R149754
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	6.78		22.5	mg/Kg-dry	10	05/20/2011 8:04	R149754
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.40		7.89	mg/Kg-dry	1	05/20/2011 21:13	68307
Barium	NELAP	0.48		139	mg/Kg-dry	1	05/20/2011 21:13	68307
Cadmium	NELAP	0.19	J	0.17	mg/Kg-dry	1	05/20/2011 21:13	68307
Chromium	NELAP	0.96		20.0	mg/Kg-dry	1	05/20/2011 21:13	68307
Lead	NELAP	3.85		30.7	mg/Kg-dry	1	05/20/2011 21:13	68307
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	05/20/2011 21:13	68307
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	05/23/2011 10:03	68313
<b>SW-846 7471A</b>								
Mercury	NELAP	0.013		0.064	mg/Kg-dry	1	05/20/2011 9:30	68318
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.022		ND	mg/Kg-dry	5	05/24/2011 19:08	68330
Acenaphthylene	NELAP	0.022		0.350	mg/Kg-dry	5	05/24/2011 19:08	68330
Anthracene	NELAP	0.022		0.048	mg/Kg-dry	5	05/24/2011 19:08	68330
Benzo(a)anthracene	NELAP	0.022		0.096	mg/Kg-dry	5	05/24/2011 19:08	68330
Benzo(a)pyrene	NELAP	0.022		0.124	mg/Kg-dry	5	05/24/2011 19:08	68330
Benzo(b)fluoranthene	NELAP	0.022		0.391	mg/Kg-dry	5	05/24/2011 19:08	68330
Benzo(g,h,i)perylene	NELAP	0.022		0.237	mg/Kg-dry	5	05/24/2011 19:08	68330
Benzo(k)fluoranthene	NELAP	0.022		0.146	mg/Kg-dry	5	05/24/2011 19:08	68330
Bis(2-ethylhexyl)phthalate	NELAP	0.437		ND	mg/Kg-dry	5	05/24/2011 19:08	68330
Chrysene	NELAP	0.022		0.143	mg/Kg-dry	5	05/24/2011 19:08	68330
Dibenzo(a,h)anthracene	NELAP	0.022		0.070	mg/Kg-dry	5	05/24/2011 19:08	68330
Fluoranthene	NELAP	0.022		0.061	mg/Kg-dry	5	05/24/2011 19:08	68330
Fluorene	NELAP	0.022		ND	mg/Kg-dry	5	05/24/2011 19:08	68330
Indeno(1,2,3-cd)pyrene	NELAP	0.022		0.211	mg/Kg-dry	5	05/24/2011 19:08	68330
Naphthalene	NELAP	0.022		0.200	mg/Kg-dry	5	05/24/2011 19:08	68330
Phenanthrene	NELAP	0.022		0.050	mg/Kg-dry	5	05/24/2011 19:08	68330
Pyrene	NELAP	0.022		0.096	mg/Kg-dry	5	05/24/2011 19:08	68330
Surr: 2-Fluorobiphenyl		10-131		82.1	%REC	5	05/24/2011 19:08	68330
Surr: Nitrobenzene-d5		10-132		59.0	%REC	5	05/24/2011 19:08	68330
Surr: p-Terphenyl-d14		80.2-138		120.0	%REC	5	05/24/2011 19:08	68330
<i>Elevated reporting limit(s) due to sample extract composition.</i>								
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
1,2-Dichlorobenzene	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
1,3-Dichlorobenzene	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
1,4-Dichlorobenzene	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
2,4,5-Trichlorophenol	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-005

Client Sample ID: P9-H3-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,6-Trichlorophenol	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
2,4-Dichlorophenol	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
2,4-Dimethylphenol	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
2,4-Dinitrophenol	NELAP	1.30		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
2,4-Dinitrotoluene	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
2,6-Dinitrotoluene	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
2-Chloronaphthalene	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
2-Chlorophenol	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
2-Methoxy-4-methylphenol		0.848		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
2-Methylnaphthalene	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
2-Nitroaniline	NELAP	1.30		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
2-Nitrophenol	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
3,3'-Dichlorobenzidine	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
3-Nitroaniline	NELAP	1.30		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
4,6-Dinitro-2-methylphenol	NELAP	1.30		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
4-Bromophenyl phenyl ether	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
4-Chloro-3-methylphenol	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
4-Chloroaniline	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
4-Chlorophenyl phenyl ether	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
4-Nitroaniline	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
4-Nitrophenol	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Aniline	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Azobenzene		0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Benzidine	NELAP	1.38		See note	mg/Kg-dry	1	05/20/2011 21:31	68331
Benzoic acid	NELAP	1.96		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Benzyl alcohol	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Bis(2-chloroethoxy)methane	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Bis(2-chloroethyl)ether	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Bis(2-chloroisopropyl)ether	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Butyl benzyl phthalate	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Carbazole		0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Dibenzofuran	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Diethyl phthalate	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Dimethyl phthalate	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Di-n-butyl phthalate	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Di-n-octyl phthalate	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Hexachlorobenzene	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Hexachlorobutadiene	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Hexachlorocyclopentadiene	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Hexachloroethane	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Isophorone	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
m,p-Cresol	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Nitrobenzene	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
N-Nitrosodimethylamine	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
N-Nitroso-di-n-propylamine	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
N-Nitrosodiphenylamine	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
o-Cresol	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-005

Client Sample ID: P9-H3-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:25

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	2.61		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Phenol	NELAP	0.457		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Pyridine	NELAP	0.652		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
1,2-Diphenylhydrazine		1.10		ND	mg/Kg-dry	1	05/20/2011 21:31	68331
Surr: 2,4,6-Tribromophenol		32.7-130		99.0	%REC	1	05/20/2011 21:31	68331
Surr: 2-Fluorobiphenyl		34.1-116		69.1	%REC	1	05/20/2011 21:31	68331
Surr: 2-Fluorophenol		30.5-99		68.5	%REC	1	05/20/2011 21:31	68331
Surr: Nitrobenzene-d5		34.1-101		64.3	%REC	1	05/20/2011 21:31	68331
Surr: Phenol-d5		34.9-110		70.7	%REC	1	05/20/2011 21:31	68331
Surr: p-Terphenyl-d14		41.7-124		74.8	%REC	1	05/20/2011 21:31	68331

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	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,1,1-Trichloroethane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,1,2,2-Tetrachloroethane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,1,2-Trichloroethane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,1-Dichloro-2-propanone		63.4		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,1-Dichloroethane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,1-Dichloroethene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,1-Dichloropropene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,2,3-Trichlorobenzene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,2,3-Trichloropropane	NELAP	12.7		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,2,3-Trimethylbenzene		6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,2,4-Trichlorobenzene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,2,4-Trimethylbenzene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,2-Dibromo-3-chloropropane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,2-Dibromoethane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,2-Dichlorobenzene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,2-Dichloroethane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,2-Dichloropropane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,3,5-Trimethylbenzene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,3-Dichlorobenzene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,3-Dichloropropane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1,4-Dichlorobenzene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
1-Chlorobutane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
2,2-Dichloropropane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
2-Butanone	NELAP	63.4	J	15	µg/Kg-dry	1	05/23/2011 16:43	68383
2-Chlorotoluene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
2-Hexanone	NELAP	63.4		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
2-Nitropropane	NELAP	63.4		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
4-Chlorotoluene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
4-Methyl-2-pentanone	NELAP	63.4		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Acetone	NELAP	63.4		254	µg/Kg-dry	1	05/23/2011 16:43	68383
Acrolein	NELAP	127		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Acrylonitrile	NELAP	12.7		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Allyl chloride	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-005

Client Sample ID: P9-H3-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	1.3		2.1	µg/Kg-dry	1	05/23/2011 16:43	68383
Bromobenzene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Bromochloromethane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Bromodichloromethane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Bromoform	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Bromomethane	NELAP	12.7		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Carbon disulfide	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Carbon tetrachloride	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Chlorobenzene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Chloroethane	NELAP	12.7		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Chloroform	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Chloromethane	NELAP	12.7		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
cis-1,2-Dichloroethene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
cis-1,3-Dichloropropene	NELAP	5.1		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Cyclohexanone		127		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Dibromochloromethane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Dibromomethane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Dichlorodifluoromethane	NELAP	12.7		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Ethyl acetate	NELAP	63.4		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Ethyl ether	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Ethyl methacrylate	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Ethylbenzene	NELAP	6.3	J	2.5	µg/Kg-dry	1	05/23/2011 16:43	68383
Heptane		25.4		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Hexachlorobutadiene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Hexachloroethane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Iodomethane	NELAP	12.7		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Isopropylbenzene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
m,p-Xylenes	NELAP	6.3	J	4.0	µg/Kg-dry	1	05/23/2011 16:43	68383
Methacrylonitrile	NELAP	63.4		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Methyl Methacrylate	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Methyl tert-butyl ether	NELAP	2.5		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Methylacrylate		12.7		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Methylene chloride	NELAP	6.3	J	1.4	µg/Kg-dry	1	05/23/2011 16:43	68383
Naphthalene	NELAP	12.7	J	4.7	µg/Kg-dry	1	05/23/2011 16:43	68383
n-Butylbenzene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
n-Hexane		25.4		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Nitrobenzene	NELAP	127		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
n-Propylbenzene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
o-Xylene	NELAP	6.3	J	2.2	µg/Kg-dry	1	05/23/2011 16:43	68383
Pentachloroethane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
p-Isopropyltoluene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Propionitrile	NELAP	63.4		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
sec-Butylbenzene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Styrene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
tert-Butylbenzene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Tetrachloroethene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Tetrahydrofuran	NELAP	63.4		ND	µg/Kg-dry	1	05/23/2011 16:43	68383

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

**Lab ID:** 11050904-005

**Client Sample ID:** P9-H3-W (3 ft)

**Matrix:** SOLID

**Collection Date:** 05/18/2011 9:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Toluene	NELAP	6.3	J	3.1	µg/Kg-dry	1	05/23/2011 16:43	68383
trans-1,2-Dichloroethene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
trans-1,3-Dichloropropene	NELAP	5.1		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Trichloroethene	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Trichlorofluoromethane	NELAP	6.3		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Vinyl acetate	NELAP	63.4		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Vinyl chloride	NELAP	2.5		ND	µg/Kg-dry	1	05/23/2011 16:43	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		110.3	%REC	1	05/23/2011 16:43	68383
Surr: 4-Bromofluorobenzene		82.1-116		94.9	%REC	1	05/23/2011 16:43	68383
Surr: Dibromofluoromethane		77.7-120		107.8	%REC	1	05/23/2011 16:43	68383
Surr: Toluene-d8		86-116		105.2	%REC	1	05/23/2011 16:43	68383

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



Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-006

Client Sample ID: P9-H3-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		18.5	%	1	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		81.5	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.613		< 0.613	mg/Kg-dry	1	05/20/2011 8:04	R149754
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.61		< 0.61	mg/Kg-dry	1	05/20/2011 8:04	R149754
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		9.80	mg/Kg-dry	1	05/20/2011 21:19	68307
Barium	NELAP	0.49		69.7	mg/Kg-dry	1	05/20/2011 21:19	68307
Cadmium	NELAP	0.20		0.22	mg/Kg-dry	1	05/20/2011 21:19	68307
Chromium	NELAP	0.98		23.6	mg/Kg-dry	1	05/20/2011 21:19	68307
Lead	NELAP	3.92		13.1	mg/Kg-dry	1	05/20/2011 21:19	68307
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	05/20/2011 21:19	68307
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.577		< 0.577	mg/Kg-dry	1	05/23/2011 10:07	68313
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012	J	0.010	mg/Kg-dry	1	05/20/2011 9:30	68318
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		0.016	mg/Kg-dry	1	05/24/2011 14:05	68330
Acenaphthylene	NELAP	0.004		0.027	mg/Kg-dry	1	05/24/2011 14:05	68330
Anthracene	NELAP	0.004		0.007	mg/Kg-dry	1	05/24/2011 14:05	68330
Benzo(a)anthracene	NELAP	0.004		0.009	mg/Kg-dry	1	05/24/2011 14:05	68330
Benzo(a)pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	05/24/2011 14:05	68330
Benzo(b)fluoranthene	NELAP	0.004		0.015	mg/Kg-dry	1	05/24/2011 14:05	68330
Benzo(g,h,i)perylene	NELAP	0.004		0.006	mg/Kg-dry	1	05/24/2011 14:05	68330
Benzo(k)fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	05/24/2011 14:05	68330
Bis(2-ethylhexyl)phthalate	NELAP	0.082		ND	mg/Kg-dry	1	05/24/2011 14:05	68330
Chrysene	NELAP	0.004		0.011	mg/Kg-dry	1	05/24/2011 14:05	68330
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 14:05	68330
Fluoranthene	NELAP	0.004		0.014	mg/Kg-dry	1	05/24/2011 14:05	68330
Fluorene	NELAP	0.004		0.067	mg/Kg-dry	1	05/24/2011 14:05	68330
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.006	mg/Kg-dry	1	05/24/2011 14:05	68330
Naphthalene	NELAP	0.004		0.007	mg/Kg-dry	1	05/24/2011 14:05	68330
Phenanthrene	NELAP	0.004		0.060	mg/Kg-dry	1	05/24/2011 14:05	68330
Pyrene	NELAP	0.004		0.026	mg/Kg-dry	1	05/24/2011 14:05	68330
Surr: 2-Fluorobiphenyl		10-131		49.4	%REC	1	05/24/2011 14:05	68330
Surr: Nitrobenzene-d5		10-132		52.0	%REC	1	05/24/2011 14:05	68330
Surr: p-Terphenyl-d14		30.6-131		100.1	%REC	1	05/24/2011 14:05	68330
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
1,2-Dichlorobenzene	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
1,3-Dichlorobenzene	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
1,4-Dichlorobenzene	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
2,4,5-Trichlorophenol	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
2,4,6-Trichlorophenol	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-006

Client Sample ID: P9-H3-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:30

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	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
2,4-Dimethylphenol	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
2,4-Dinitrophenol	NELAP	1.22		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
2,4-Dinitrotoluene	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
2,6-Dinitrotoluene	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
2-Chloronaphthalene	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
2-Chlorophenol	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
2-Methoxy-4-methylphenol		0.793		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
2-Methylnaphthalene	NELAP	0.427		0.516	mg/Kg-dry	1	05/20/2011 15:39	68331
2-Nitroaniline	NELAP	1.22		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
2-Nitrophenol	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
3,3'-Dichlorobenzidine	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
3-Nitroaniline	NELAP	1.22		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
4,6-Dinitro-2-methylphenol	NELAP	1.22		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
4-Bromophenyl phenyl ether	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
4-Chloro-3-methylphenol	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
4-Chloroaniline	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
4-Chlorophenyl phenyl ether	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
4-Nitroaniline	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
4-Nitrophenol	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Aniline	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Azobenzene		0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Benzidine	NELAP	1.29		See note	mg/Kg-dry	1	05/20/2011 15:39	68331
Benzoic acid	NELAP	1.83		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Benzyl alcohol	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Bis(2-chloroethoxy)methane	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Bis(2-chloroethyl)ether	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Bis(2-chloroisopropyl)ether	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Butyl benzyl phthalate	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Carbazole		0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Dibenzofuran	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Diethyl phthalate	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Dimethyl phthalate	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Di-n-butyl phthalate	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Di-n-octyl phthalate	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Hexachlorobenzene	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Hexachlorobutadiene	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Hexachlorocyclopentadiene	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Hexachloroethane	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Isophorone	NELAP	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
m,p-Cresol	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Nitrobenzene	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
N-Nitrosodimethylamine	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
N-Nitroso-di-n-propylamine	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
N-Nitrosodiphenylamine	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
o-Cresol	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Pentachlorophenol	NELAP	2.44		ND	mg/Kg-dry	1	05/20/2011 15:39	68331

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-006

Client Sample ID: P9-H3-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:30

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	0.427		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Pyridine	NELAP	0.610		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
1,2-Diphenylhydrazine		1.02		ND	mg/Kg-dry	1	05/20/2011 15:39	68331
Surr: 2,4,6-Tribromophenol		32.7-130		84.6	%REC	1	05/20/2011 15:39	68331
Surr: 2-Fluorobiphenyl		34.1-116		53.9	%REC	1	05/20/2011 15:39	68331
Surr: 2-Fluorophenol		30.5-99		68.4	%REC	1	05/20/2011 15:39	68331
Surr: Nitrobenzene-d5		34.1-101		56.2	%REC	1	05/20/2011 15:39	68331
Surr: Phenol-d5		34.9-110		71.8	%REC	1	05/20/2011 15:39	68331
Surr: p-Terphenyl-d14		41.7-124		76.3	%REC	1	05/20/2011 15:39	68331
<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	05/23/2011 17:12	68383
1,1,1-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,1,2,2-Tetrachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,1,2-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,1-Dichloro-2-propanone		44.3		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,1-Dichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,1-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,1-Dichloropropene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,2,3-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,2,3-Trichloropropane	NELAP	8.9		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,2,3-Trimethylbenzene		4.4	J	1.6	µg/Kg-dry	1	05/23/2011 17:12	68383
1,2,4-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,2,4-Trimethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,2-Dibromo-3-chloropropane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,2-Dibromoethane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,2-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,2-Dichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,3,5-Trimethylbenzene	NELAP	4.4		6.8	µg/Kg-dry	1	05/23/2011 17:12	68383
1,3-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,3-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1,4-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
1-Chlorobutane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
2,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
2-Butanone	NELAP	44.3		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
2-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
2-Hexanone	NELAP	44.3		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
2-Nitropropane	NELAP	44.3		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
4-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
4-Methyl-2-pentanone	NELAP	44.3		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Acetone	NELAP	44.3	J	33	µg/Kg-dry	1	05/23/2011 17:12	68383
Acrolein	NELAP	88.7		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Acrylonitrile	NELAP	8.9		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Allyl chloride	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Benzene	NELAP	0.9		2.1	µg/Kg-dry	1	05/23/2011 17:12	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-006

Client Sample ID: P9-H3-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:30

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	05/23/2011 17:12	68383
Bromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Bromodichloromethane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Bromoform	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Bromomethane	NELAP	8.9		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Carbon disulfide	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Carbon tetrachloride	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Chlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Chloroethane	NELAP	8.9		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Chloroform	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Chloromethane	NELAP	8.9		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
cis-1,2-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
cis-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Cyclohexanone		88.7		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Dibromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Dibromomethane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Dichlorodifluoromethane	NELAP	8.9		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Ethyl acetate	NELAP	44.3		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Ethyl ether	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Ethyl methacrylate	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Ethylbenzene	NELAP	4.4	J	2.5	µg/Kg-dry	1	05/23/2011 17:12	68383
Heptane		17.7	J	4.4	µg/Kg-dry	1	05/23/2011 17:12	68383
Hexachlorobutadiene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Hexachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Iodomethane	NELAP	8.9		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Isopropylbenzene	NELAP	4.4		7.0	µg/Kg-dry	1	05/23/2011 17:12	68383
m,p-Xylenes	NELAP	4.4	J	3.5	µg/Kg-dry	1	05/23/2011 17:12	68383
Methacrylonitrile	NELAP	44.3		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Methyl Methacrylate	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Methyl tert-butyl ether	NELAP	1.8		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Methylacrylate		8.9		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Methylene chloride	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Naphthalene	NELAP	8.9	J	7.0	µg/Kg-dry	1	05/23/2011 17:12	68383
n-Butylbenzene	NELAP	4.4		36.4	µg/Kg-dry	1	05/23/2011 17:12	68383
n-Hexane		17.7	J	5.7	µg/Kg-dry	1	05/23/2011 17:12	68383
Nitrobenzene	NELAP	88.7		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
n-Propylbenzene	NELAP	4.4	J	1.4	µg/Kg-dry	1	05/23/2011 17:12	68383
o-Xylene	NELAP	4.4	J	1.8	µg/Kg-dry	1	05/23/2011 17:12	68383
Pentachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
p-Isopropyltoluene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Propionitrile	NELAP	44.3		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
sec-Butylbenzene	NELAP	4.4	J	3.1	µg/Kg-dry	1	05/23/2011 17:12	68383
Styrene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
tert-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Tetrachloroethene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Tetrahydrofuran	NELAP	44.3		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Toluene	NELAP	4.4	J	4.1	µg/Kg-dry	1	05/23/2011 17:12	68383



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

**Lab ID:** 11050904-006

**Client Sample ID:** P9-H3-W (8 ft)

**Matrix:** SOLID

**Collection Date:** 05/18/2011 9:30

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	05/23/2011 17:12	68383
trans-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Trichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Trichlorofluoromethane	NELAP	4.4		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Vinyl acetate	NELAP	44.3		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Vinyl chloride	NELAP	1.8		ND	µg/Kg-dry	1	05/23/2011 17:12	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		105.4	%REC	1	05/23/2011 17:12	68383
Surr: 4-Bromofluorobenzene		82.1-116		106.7	%REC	1	05/23/2011 17:12	68383
Surr: Dibromofluoromethane		77.7-120		106.8	%REC	1	05/23/2011 17:12	68383
Surr: Toluene-d8		86-116		94.8	%REC	1	05/23/2011 17:12	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-007

Client Sample ID: P9-H4-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		14.8	%	1	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		85.2	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.634		Interference	mg/Kg-dry	1	05/20/2011 8:04	R149754
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.63		0.69	mg/Kg-dry	1	05/20/2011 8:04	R149754
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.40		8.05	mg/Kg-dry	1	05/20/2011 21:25	68307
Barium	NELAP	0.48		35.5	mg/Kg-dry	1	05/20/2011 21:25	68307
Cadmium	NELAP	0.19		0.19	mg/Kg-dry	1	05/20/2011 21:25	68307
Chromium	NELAP	0.96		16.2	mg/Kg-dry	1	05/20/2011 21:25	68307
Lead	NELAP	3.85		13.3	mg/Kg-dry	1	05/20/2011 21:25	68307
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	05/20/2011 21:25	68307
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.545		< 0.545	mg/Kg-dry	1	05/23/2011 10:17	68313
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011		0.011	mg/Kg-dry	1	05/20/2011 9:30	68318
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	05/20/2011 23:04	68330
Acenaphthylene	NELAP	0.004	J	0.004	mg/Kg-dry	1	05/20/2011 23:04	68330
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/20/2011 23:04	68330
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/20/2011 23:04	68330
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/20/2011 23:04	68330
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/20/2011 23:04	68330
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	05/20/2011 23:04	68330
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/20/2011 23:04	68330
Bis(2-ethylhexyl)phthalate	NELAP	0.079		ND	mg/Kg-dry	1	05/20/2011 23:04	68330
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	05/20/2011 23:04	68330
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/20/2011 23:04	68330
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/20/2011 23:04	68330
Fluorene	NELAP	0.004	J	0.004	mg/Kg-dry	1	05/20/2011 23:04	68330
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/20/2011 23:04	68330
Naphthalene	NELAP	0.004		0.006	mg/Kg-dry	1	05/20/2011 23:04	68330
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	05/20/2011 23:04	68330
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/20/2011 23:04	68330
Surr: 2-Fluorobiphenyl		10-131		78.4	%REC	1	05/20/2011 23:04	68330
Surr: Nitrobenzene-d5		10-132		83.3	%REC	1	05/20/2011 23:04	68330
Surr: p-Terphenyl-d14		30.6-131		113.3	%REC	1	05/20/2011 23:04	68330
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
1,2-Dichlorobenzene	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
1,3-Dichlorobenzene	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
1,4-Dichlorobenzene	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
2,4,5-Trichlorophenol	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
2,4,6-Trichlorophenol	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-007

Client Sample ID: P9-H4-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:35

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	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
2,4-Dimethylphenol	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
2,4-Dinitrophenol	NELAP	1.17		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
2,4-Dinitrotoluene	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
2,6-Dinitrotoluene	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
2-Chloronaphthalene	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
2-Chlorophenol	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
2-Methoxy-4-methylphenol		0.762		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
2-Methylnaphthalene	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
2-Nitroaniline	NELAP	1.17		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
2-Nitrophenol	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
3,3'-Dichlorobenzidine	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
3-Nitroaniline	NELAP	1.17		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
4,6-Dinitro-2-methylphenol	NELAP	1.17		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
4-Bromophenyl phenyl ether	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
4-Chloro-3-methylphenol	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
4-Chloroaniline	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
4-Chlorophenyl phenyl ether	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
4-Nitroaniline	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
4-Nitrophenol	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Aniline	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Azobenzene		0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Benzidine	NELAP	1.24		See note	mg/Kg-dry	1	05/20/2011 16:11	68331
Benzoic acid	NELAP	1.76		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Benzyl alcohol	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Bis(2-chloroethoxy)methane	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Bis(2-chloroethyl)ether	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Bis(2-chloroisopropyl)ether	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Butyl benzyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Carbazole		0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Dibenzofuran	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Diethyl phthalate	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Dimethyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Di-n-butyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Di-n-octyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Hexachlorobenzene	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Hexachlorobutadiene	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Hexachlorocyclopentadiene	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Hexachloroethane	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Isophorone	NELAP	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
m,p-Cresol	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Nitrobenzene	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
N-Nitrosodimethylamine	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
N-Nitroso-di-n-propylamine	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
N-Nitrosodiphenylamine	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
o-Cresol	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Pentachlorophenol	NELAP	2.35		ND	mg/Kg-dry	1	05/20/2011 16:11	68331

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-007

Client Sample ID: P9-H4-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:35

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	0.411		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Pyridine	NELAP	0.586		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
1,2-Diphenylhydrazine		0.985		ND	mg/Kg-dry	1	05/20/2011 16:11	68331
Surr: 2,4,6-Tribromophenol		32.7-130		88.6	%REC	1	05/20/2011 16:11	68331
Surr: 2-Fluorobiphenyl		34.1-116		66.5	%REC	1	05/20/2011 16:11	68331
Surr: 2-Fluorophenol		30.5-99		69.0	%REC	1	05/20/2011 16:11	68331
Surr: Nitrobenzene-d5		34.1-101		61.9	%REC	1	05/20/2011 16:11	68331
Surr: Phenol-d5		34.9-110		71.7	%REC	1	05/20/2011 16:11	68331
Surr: p-Terphenyl-d14		41.7-124		78.1	%REC	1	05/20/2011 16:11	68331
<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	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,1,1-Trichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,1,2,2-Tetrachloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,1,2-Trichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,1-Dichloro-2-propanone		41.4		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,1-Dichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,1-Dichloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,1-Dichloropropene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,2,3-Trichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,2,3-Trichloropropane	NELAP	8.3		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,2,3-Trimethylbenzene		4.1	J	1.8	µg/Kg-dry	1	05/23/2011 17:42	68383
1,2,4-Trichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,2,4-Trimethylbenzene	NELAP	4.1	J	1.0	µg/Kg-dry	1	05/23/2011 17:42	68383
1,2-Dibromo-3-chloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,2-Dibromoethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,2-Dichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,2-Dichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,2-Dichloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,3,5-Trimethylbenzene	NELAP	4.1		5.2	µg/Kg-dry	1	05/23/2011 17:42	68383
1,3-Dichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,3-Dichloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1,4-Dichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
1-Chlorobutane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
2,2-Dichloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
2-Butanone	NELAP	41.4		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
2-Chlorotoluene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
2-Hexanone	NELAP	41.4		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
2-Nitropropane	NELAP	41.4		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
4-Chlorotoluene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
4-Methyl-2-pentanone	NELAP	41.4		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Acetone	NELAP	41.4		44.1	µg/Kg-dry	1	05/23/2011 17:42	68383
Acrolein	NELAP	82.9		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Acrylonitrile	NELAP	8.3		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Allyl chloride	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Benzene	NELAP	0.8		3.0	µg/Kg-dry	1	05/23/2011 17:42	68383



Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-007

Client Sample ID: P9-H4-W (8 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Bromobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Bromochloromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Bromodichloromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Bromoform	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Bromomethane	NELAP	8.3		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Carbon disulfide	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Carbon tetrachloride	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Chlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Chloroethane	NELAP	8.3		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Chloroform	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Chloromethane	NELAP	8.3		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
cis-1,2-Dichloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
cis-1,3-Dichloropropene	NELAP	3.3		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Cyclohexanone		82.9		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Dibromochloromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Dibromomethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Dichlorodifluoromethane	NELAP	8.3		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Ethyl acetate	NELAP	41.4		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Ethyl ether	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Ethyl methacrylate	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Ethylbenzene	NELAP	4.1		5.3	µg/Kg-dry	1	05/23/2011 17:42	68383
Heptane		16.6	J	5.0	µg/Kg-dry	1	05/23/2011 17:42	68383
Hexachlorobutadiene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Hexachloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Iodomethane	NELAP	8.3		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Isopropylbenzene	NELAP	4.1		5.2	µg/Kg-dry	1	05/23/2011 17:42	68383
m,p-Xylenes	NELAP	4.1		4.5	µg/Kg-dry	1	05/23/2011 17:42	68383
Methacrylonitrile	NELAP	41.4		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Methyl Methacrylate	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Methyl tert-butyl ether	NELAP	1.7		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Methylacrylate		8.3		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Methylene chloride	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Naphthalene	NELAP	8.3	J	7.1	µg/Kg-dry	1	05/23/2011 17:42	68383
n-Butylbenzene	NELAP	4.1		49.0	µg/Kg-dry	1	05/23/2011 17:42	68383
n-Hexane		16.6	J	7.0	µg/Kg-dry	1	05/23/2011 17:42	68383
Nitrobenzene	NELAP	82.9		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
n-Propylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
o-Xylene	NELAP	4.1	J	2.4	µg/Kg-dry	1	05/23/2011 17:42	68383
Pentachloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
p-Isopropyltoluene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Propionitrile	NELAP	41.4		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
sec-Butylbenzene	NELAP	4.1	J	2.0	µg/Kg-dry	1	05/23/2011 17:42	68383
Styrene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
tert-Butylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Tetrachloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Tetrahydrofuran	NELAP	41.4		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Toluene	NELAP	4.1		5.7	µg/Kg-dry	1	05/23/2011 17:42	68383



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

**Lab ID:** 11050904-007

**Client Sample ID:** P9-H4-W (8 ft)

**Matrix:** SOLID

**Collection Date:** 05/18/2011 9:35

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	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
trans-1,3-Dichloropropene	NELAP	3.3		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Trichloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Trichlorofluoromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Vinyl acetate	NELAP	41.4		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Vinyl chloride	NELAP	1.7		ND	µg/Kg-dry	1	05/23/2011 17:42	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		108.4	%REC	1	05/23/2011 17:42	68383
Surr: 4-Bromofluorobenzene		82.1-116		105.8	%REC	1	05/23/2011 17:42	68383
Surr: Dibromofluoromethane		77.7-120		106.3	%REC	1	05/23/2011 17:42	68383
Surr: Toluene-d8		86-116		99.4	%REC	1	05/23/2011 17:42	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-008

Client Sample ID: P9-H4-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		22.2	%	1	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		77.8	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		13.9	J	9.8	mg/Kg-dry	20	05/20/2011 8:04	R149754
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	12.8		37.0	mg/Kg-dry	20	05/23/2011 14:27	R149815
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		15.3	mg/Kg-dry	1	05/20/2011 21:30	68307
Barium	NELAP	0.49		159	mg/Kg-dry	1	05/20/2011 21:30	68307
Cadmium	NELAP	0.20		0.20	mg/Kg-dry	1	05/20/2011 21:30	68307
Chromium	NELAP	0.98		26.0	mg/Kg-dry	1	05/20/2011 21:30	68307
Lead	NELAP	3.92		19.8	mg/Kg-dry	1	05/20/2011 21:30	68307
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	05/20/2011 21:30	68307
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.566		< 0.566	mg/Kg-dry	1	05/23/2011 10:20	68313
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012		0.062	mg/Kg-dry	1	05/20/2011 9:30	68318
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 14:41	68330
Acenaphthylene	NELAP	0.004		0.200	mg/Kg-dry	1	05/24/2011 14:41	68330
Anthracene	NELAP	0.004		0.018	mg/Kg-dry	1	05/24/2011 14:41	68330
Benzo(a)anthracene	NELAP	0.004		0.025	mg/Kg-dry	1	05/24/2011 14:41	68330
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 14:41	68330
Benzo(b)fluoranthene	NELAP	0.004		0.067	mg/Kg-dry	1	05/24/2011 14:41	68330
Benzo(g,h,i)perylene	NELAP	0.004		0.010	mg/Kg-dry	1	05/24/2011 14:41	68330
Benzo(k)fluoranthene	NELAP	0.004		0.024	mg/Kg-dry	1	05/24/2011 14:41	68330
Bis(2-ethylhexyl)phthalate	NELAP	0.085		ND	mg/Kg-dry	1	05/24/2011 14:41	68330
Chrysene	NELAP	0.004		0.052	mg/Kg-dry	1	05/24/2011 14:41	68330
Dibenzo(a,h)anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	05/24/2011 14:41	68330
Fluoranthene	NELAP	0.004		0.014	mg/Kg-dry	1	05/24/2011 14:41	68330
Fluorene	NELAP	0.004		0.008	mg/Kg-dry	1	05/24/2011 14:41	68330
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.012	mg/Kg-dry	1	05/24/2011 14:41	68330
Naphthalene	NELAP	0.004		0.008	mg/Kg-dry	1	05/24/2011 14:41	68330
Phenanthrene	NELAP	0.004		0.006	mg/Kg-dry	1	05/24/2011 14:41	68330
Pyrene	NELAP	0.004		0.059	mg/Kg-dry	1	05/24/2011 14:41	68330
Surr: 2-Fluorobiphenyl		10-131		60.0	%REC	1	05/24/2011 14:41	68330
Surr: Nitrobenzene-d5		10-132		60.6	%REC	1	05/24/2011 14:41	68330
Surr: p-Terphenyl-d14		30.6-131		104.3	%REC	1	05/24/2011 14:41	68330
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
1,2-Dichlorobenzene	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
1,3-Dichlorobenzene	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
1,4-Dichlorobenzene	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
2,4,5-Trichlorophenol	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
2,4,6-Trichlorophenol	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-008

Client Sample ID: P9-H4-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4-Dichlorophenol	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
2,4-Dimethylphenol	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
2,4-Dinitrophenol	NELAP	1.27		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
2,4-Dinitrotoluene	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
2,6-Dinitrotoluene	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
2-Chloronaphthalene	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
2-Chlorophenol	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
2-Methoxy-4-methylphenol		0.828		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
2-Methylnaphthalene	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
2-Nitroaniline	NELAP	1.27		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
2-Nitrophenol	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
3,3'-Dichlorobenzidine	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
3-Nitroaniline	NELAP	1.27		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
4,6-Dinitro-2-methylphenol	NELAP	1.27		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
4-Bromophenyl phenyl ether	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
4-Chloro-3-methylphenol	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
4-Chloroaniline	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
4-Chlorophenyl phenyl ether	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
4-Nitroaniline	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
4-Nitrophenol	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Aniline	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Azobenzene		0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Benzidine	NELAP	1.35		See note	mg/Kg-dry	1	05/20/2011 20:59	68331
Benzoic acid	NELAP	1.91		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Benzyl alcohol	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Bis(2-chloroethoxy)methane	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Bis(2-chloroethyl)ether	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Bis(2-chloroisopropyl)ether	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Butyl benzyl phthalate	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Carbazole		0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Dibenzofuran	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Diethyl phthalate	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Dimethyl phthalate	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Di-n-butyl phthalate	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Di-n-octyl phthalate	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Hexachlorobenzene	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Hexachlorobutadiene	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Hexachlorocyclopentadiene	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Hexachloroethane	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Isophorone	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
m,p-Cresol	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Nitrobenzene	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
N-Nitrosodimethylamine	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
N-Nitroso-di-n-propylamine	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
N-Nitrosodiphenylamine	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
o-Cresol	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Pentachlorophenol	NELAP	2.55		ND	mg/Kg-dry	1	05/20/2011 20:59	68331

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-008

Client Sample ID: P9-H4-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Phenol	NELAP	0.446		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Pyridine	NELAP	0.637		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
1,2-Diphenylhydrazine		1.07		ND	mg/Kg-dry	1	05/20/2011 20:59	68331
Surr: 2,4,6-Tribromophenol		32.7-130		110.6	%REC	1	05/20/2011 20:59	68331
Surr: 2-Fluorobiphenyl		34.1-116		73.3	%REC	1	05/20/2011 20:59	68331
Surr: 2-Fluorophenol		30.5-99		78.8	%REC	1	05/20/2011 20:59	68331
Surr: Nitrobenzene-d5		34.1-101		71.6	%REC	1	05/20/2011 20:59	68331
Surr: Phenol-d5		34.9-110		80.1	%REC	1	05/20/2011 20:59	68331
Surr: p-Terphenyl-d14		41.7-124		80.5	%REC	1	05/20/2011 20:59	68331

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	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,1,1-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,1,2,2-Tetrachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,1,2-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,1-Dichloro-2-propanone		50.1		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,1-Dichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,1-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,1-Dichloropropene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,2,3-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,2,3-Trichloropropane	NELAP	10		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,2,3-Trimethylbenzene		5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,2,4-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,2,4-Trimethylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,2-Dibromo-3-chloropropane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,2-Dibromoethane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,2-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,2-Dichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,2-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,3,5-Trimethylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,3-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,3-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1,4-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
1-Chlorobutane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
2,2-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
2-Butanone	NELAP	50.1		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
2-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
2-Hexanone	NELAP	50.1		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
2-Nitropropane	NELAP	50.1		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
4-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
4-Methyl-2-pentanone	NELAP	50.1		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Acetone	NELAP	50.1	J	37	µg/Kg-dry	1	05/23/2011 18:12	68383
Acrolein	NELAP	100		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Acrylonitrile	NELAP	10		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Allyl chloride	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Benzene	NELAP	1.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Lab ID: 11050904-008

Client Sample ID: P9-H4-W (3 ft)

Matrix: SOLID

Collection Date: 05/18/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Bromobenzene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Bromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Bromodichloromethane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Bromoform	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Bromomethane	NELAP	10		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Carbon disulfide	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Carbon tetrachloride	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Chlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Chloroethane	NELAP	10		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Chloroform	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Chloromethane	NELAP	10		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
cis-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
cis-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Cyclohexanone		100		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Dibromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Dibromomethane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Dichlorodifluoromethane	NELAP	10		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Ethyl acetate	NELAP	50.1		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Ethyl ether	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Ethyl methacrylate	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Ethylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Heptane		20.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Hexachlorobutadiene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Hexachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Iodomethane	NELAP	10		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Isopropylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
m,p-Xylenes	NELAP	5.0	J	1.8	µg/Kg-dry	1	05/23/2011 18:12	68383
Methacrylonitrile	NELAP	50.1		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Methyl Methacrylate	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Methyl tert-butyl ether	NELAP	2.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Methylacrylate		10		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Methylene chloride	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Naphthalene	NELAP	10		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
n-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
n-Hexane		20.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Nitrobenzene	NELAP	100		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
n-Propylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
o-Xylene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Pentachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
p-Isopropyltoluene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Propionitrile	NELAP	50.1		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
sec-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Styrene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
tert-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Tetrachloroethene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Tetrahydrofuran	NELAP	50.1		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Toluene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

**Lab ID:** 11050904-008

**Client Sample ID:** P9-H4-W (3 ft)

**Matrix:** SOLID

**Collection Date:** 05/18/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
trans-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
trans-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Trichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Trichlorofluoromethane	NELAP	5.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Vinyl acetate	NELAP	50.1		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Vinyl chloride	NELAP	2.0		ND	µg/Kg-dry	1	05/23/2011 18:12	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		105.6	%REC	1	05/23/2011 18:12	68383
Surr: 4-Bromofluorobenzene		82.1-116		101.6	%REC	1	05/23/2011 18:12	68383
Surr: Dibromofluoromethane		77.7-120		106.1	%REC	1	05/23/2011 18:12	68383
Surr: Toluene-d8		86-116		100.5	%REC	1	05/23/2011 18:12	68383



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11050904-001	P9-H1-W (3 ft)	Solid	6	05/18/2011 9:00
11050904-002	P9-H1-W (8 ft)	Solid	5	05/18/2011 9:10
11050904-003	P9-H2-W (3 ft)	Solid	5	05/18/2011 9:15
11050904-004	P9-H2-W (8 ft)	Solid	5	05/18/2011 9:20
11050904-005	P9-H3-W (3 ft)	Solid	5	05/18/2011 9:25
11050904-006	P9-H3-W (8 ft)	Solid	5	05/18/2011 9:30
11050904-007	P9-H4-W (8 ft)	Solid	5	05/18/2011 9:35
11050904-008	P9-H4-W (3 ft)	Solid	5	05/18/2011 9:40





## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11050904-001A	P9-H1-W (3 ft)	05/18/2011 9:00	5/18/2011 6:20:00 PM	
	SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD		05/19/2011 19:22	05/23/2011 13:52
	SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD		05/19/2011 19:22	05/20/2011 14:42
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:32	05/24/2011 19:44
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:34	05/20/2011 19:55
11050904-001B	P9-H1-W (3 ft)	05/18/2011 9:00	5/18/2011 6:20:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/20/2011 10:00
	Standard Methods 18th Ed. 2540 G			05/20/2011 10:00
	SW-846 3050B, 6010B, Metals by ICP		05/19/2011 11:19	05/20/2011 20:16
	SW-846 3050B, Metals by GFAA		05/19/2011 12:21	05/23/2011 9:43
	SW-846 7471A		05/19/2011 13:57	05/20/2011 9:30
	SW-846 9012A			05/20/2011 8:04
	SW-846 9012A (Total)			05/20/2011 8:04
11050904-001C	P9-H1-W (3 ft)	05/18/2011 9:00	5/18/2011 6:20:00 PM	
	SW-846 8151A, Chlorinated Herbicides by GC/ECD			05/26/2011 16:58
11050904-001F	P9-H1-W (3 ft)	05/18/2011 9:00	5/18/2011 6:20:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/23/2011 14:43
11050904-002A	P9-H1-W (8 ft)	05/18/2011 9:10	5/18/2011 6:20:00 PM	
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:32	05/24/2011 17:20
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:34	05/20/2011 16:43
11050904-002B	P9-H1-W (8 ft)	05/18/2011 9:10	5/18/2011 6:20:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/20/2011 10:00
	Standard Methods 18th Ed. 2540 G			05/20/2011 10:00
	SW-846 3050B, 6010B, Metals by ICP		05/19/2011 11:38	05/20/2011 20:45
	SW-846 3050B, Metals by GFAA		05/19/2011 12:21	05/23/2011 9:47
	SW-846 7471A		05/19/2011 13:57	05/20/2011 9:30
	SW-846 9012A			05/20/2011 8:04
	SW-846 9012A (Total)			05/20/2011 8:04
11050904-002E	P9-H1-W (8 ft)	05/18/2011 9:10	5/18/2011 6:20:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/23/2011 15:13
11050904-003A	P9-H2-W (3 ft)	05/18/2011 9:15	5/18/2011 6:20:00 PM	
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:32	05/24/2011 17:56
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:34	05/20/2011 20:27
11050904-003B	P9-H2-W (3 ft)	05/18/2011 9:15	5/18/2011 6:20:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/20/2011 10:00
	Standard Methods 18th Ed. 2540 G			05/20/2011 10:00



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
	SW-846 3050B, 6010B, Metals by ICP		05/19/2011 11:19	05/20/2011 20:50
	SW-846 3050B, Metals by GFAA		05/19/2011 12:21	05/23/2011 9:50
	SW-846 7471A		05/19/2011 13:57	05/20/2011 9:30
	SW-846 9012A			05/20/2011 8:04
	SW-846 9012A (Total)			05/20/2011 8:04
11050904-003E	P9-H2-W (3 ft)	05/18/2011 9:15	5/18/2011 6:20:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/23/2011 15:43
11050904-004A	P9-H2-W (8 ft)	05/18/2011 9:20	5/18/2011 6:20:00 PM	
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:32	05/24/2011 18:32
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:34	05/20/2011 22:03
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:34	05/23/2011 10:58
11050904-004B	P9-H2-W (8 ft)	05/18/2011 9:20	5/18/2011 6:20:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/20/2011 10:00
	Standard Methods 18th Ed. 2540 G			05/20/2011 10:00
	SW-846 3050B, 6010B, Metals by ICP		05/19/2011 11:19	05/20/2011 20:56
	SW-846 3050B, Metals by GFAA		05/19/2011 12:21	05/23/2011 9:53
	SW-846 7471A		05/19/2011 13:57	05/20/2011 9:30
	SW-846 9012A			05/20/2011 8:04
	SW-846 9012A (Total)			05/20/2011 8:04
11050904-004E	P9-H2-W (8 ft)	05/18/2011 9:20	5/18/2011 6:20:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/23/2011 16:13
11050904-005A	P9-H3-W (3 ft)	05/18/2011 9:25	5/18/2011 6:20:00 PM	
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:32	05/24/2011 19:08
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:34	05/20/2011 21:31
11050904-005B	P9-H3-W (3 ft)	05/18/2011 9:25	5/18/2011 6:20:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/20/2011 10:00
	Standard Methods 18th Ed. 2540 G			05/20/2011 10:00
	SW-846 3050B, 6010B, Metals by ICP		05/19/2011 11:19	05/20/2011 21:13
	SW-846 3050B, Metals by GFAA		05/19/2011 12:21	05/23/2011 10:03
	SW-846 7471A		05/19/2011 13:57	05/20/2011 9:30
	SW-846 9012A			05/20/2011 8:04
	SW-846 9012A (Total)			05/20/2011 8:04
11050904-005E	P9-H3-W (3 ft)	05/18/2011 9:25	5/18/2011 6:20:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/23/2011 16:43
11050904-006A	P9-H3-W (8 ft)	05/18/2011 9:30	5/18/2011 6:20:00 PM	
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:32	05/24/2011 14:05
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:34	05/20/2011 15:39



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11050904-006B	P9-H3-W (8 ft)	05/18/2011 9:30	5/18/2011 6:20:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/20/2011 10:00
	Standard Methods 18th Ed. 2540 G			05/20/2011 10:00
	SW-846 3050B, 6010B, Metals by ICP		05/19/2011 11:19	05/20/2011 21:19
	SW-846 3050B, Metals by GFAA		05/19/2011 12:21	05/23/2011 10:07
	SW-846 7471A		05/19/2011 13:57	05/20/2011 9:30
	SW-846 9012A			05/20/2011 8:04
	SW-846 9012A (Total)			05/20/2011 8:04
11050904-006E	P9-H3-W (8 ft)	05/18/2011 9:30	5/18/2011 6:20:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/23/2011 17:12
11050904-007A	P9-H4-W (8 ft)	05/18/2011 9:35	5/18/2011 6:20:00 PM	
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:32	05/20/2011 23:04
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:34	05/20/2011 16:11
11050904-007B	P9-H4-W (8 ft)	05/18/2011 9:35	5/18/2011 6:20:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/20/2011 10:00
	Standard Methods 18th Ed. 2540 G			05/20/2011 10:00
	SW-846 3050B, 6010B, Metals by ICP		05/19/2011 11:19	05/20/2011 21:25
	SW-846 3050B, Metals by GFAA		05/19/2011 12:21	05/23/2011 10:17
	SW-846 7471A		05/19/2011 13:57	05/20/2011 9:30
	SW-846 9012A			05/20/2011 8:04
	SW-846 9012A (Total)			05/20/2011 8:04
11050904-007E	P9-H4-W (8 ft)	05/18/2011 9:35	5/18/2011 6:20:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/23/2011 17:42
11050904-008A	P9-H4-W (3 ft)	05/18/2011 9:40	5/18/2011 6:20:00 PM	
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:32	05/24/2011 14:41
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/19/2011 19:34	05/20/2011 20:59
11050904-008B	P9-H4-W (3 ft)	05/18/2011 9:40	5/18/2011 6:20:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/20/2011 10:00
	Standard Methods 18th Ed. 2540 G			05/20/2011 10:00
	SW-846 3050B, 6010B, Metals by ICP		05/19/2011 11:19	05/20/2011 21:30
	SW-846 3050B, Metals by GFAA		05/19/2011 12:21	05/23/2011 10:20
	SW-846 7471A		05/19/2011 13:57	05/20/2011 9:30
	SW-846 9012A			05/20/2011 8:04
	SW-846 9012A (Total)			05/23/2011 14:27
11050904-008E	P9-H4-W (3 ft)	05/18/2011 9:40	5/18/2011 6:20:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/23/2011 18:12

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

### STANDARD METHODS 18TH ED. 2540 G

Batch R149709		SampType: LCS		Units %						
SampID: LCS-R149709										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Solids	0.1		1.0	1.0	0	100	90	110	05/20/2011	

Batch R149709		SampType: LCSQC		Units %						
SampID: LCSQC-R149709										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Solids	0.1		1.0	1.0	0	100	90	110	05/20/2011	

Batch R149709		SampType: DUP		Units %		RPD Limit 15				
SampID: 11050904-001BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Solids	0.1		78.4				78.57	0.27	05/20/2011	

### SW-846 9012A (TOTAL)

Batch R149754		SampType: MBLK		Units mg/Kg						
SampID: MB-R149754										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		< 0.01						05/20/2011	

Batch R149754		SampType: LCS		Units mg/Kg						
SampID: LCS-R149754										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		0.02	0.02	0	98.3	85	115	05/20/2011	

Batch R149754		SampType: MS		Units mg/Kg-dry						
SampID: 11050904-001BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	2.55	S	17.2	1.59	6.880	649.7	75	125	05/20/2011	

Batch R149754		SampType: MSD		Units mg/Kg-dry		RPD Limit 15				
SampID: 11050904-001BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide	2.55	SR	11.6	1.59	6.880	298.9	17.22	38.69	05/20/2011	

Batch R149815		SampType: MBLK		Units mg/Kg						
SampID: MB-R149815										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		< 0.01						05/24/2011	

Batch R149815		SampType: LCS		Units mg/Kg						
SampID: LCS-R149815										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		0.03	0.02	0	106.5	85	115	05/24/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

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

**Batch** R149815    **SampType:** LCS    Units mg/Kg

SampID: LCS-R149815

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
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**SW-846 3050B, 6010B, METALS BY ICP**

**Batch** 68307    **SampType:** MBLK    Units mg/Kg-dry

SampID: MB-68307

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.50		<b>&lt; 2.50</b>	2.50	0	0	-100	100	05/20/2011
Barium	0.50		<b>&lt; 0.50</b>	0.50	0	0	-100	100	05/20/2011
Cadmium	0.20		<b>&lt; 0.20</b>	0.20	0	0	-100	100	05/20/2011
Chromium	1.00		<b>&lt; 1.00</b>	1.00	0	0	-100	100	05/20/2011
Lead	4.00		<b>&lt; 4.00</b>	4.00	0	0	-100	100	05/20/2011
Silver	0.55		<b>&lt; 0.55</b>	0.55	0	0	-100	100	05/20/2011

**Batch** 68307    **SampType:** LCS    Units mg/Kg-dry

SampID: LCS-68307

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.50		<b>203</b>	200	0	101.3	85	115	05/20/2011
Barium	0.50		<b>202</b>	200	0	101.2	85	115	05/20/2011
Cadmium	0.20		<b>5.13</b>	5.00	0	102.6	85	115	05/20/2011
Chromium	1.00		<b>21.3</b>	20.0	0	106.7	85	115	05/20/2011
Lead	4.00		<b>51.5</b>	50.0	0	102.9	85	115	05/20/2011
Silver	0.55		<b>5.05</b>	5.00	0	101.0	85	115	05/20/2011

**Batch** 68307    **SampType:** MS    Units mg/Kg-dry

SampID: 11050904-001BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.40		<b>208</b>	192	13.00	101.4	75	125	05/20/2011
Barium	0.48		<b>350</b>	192	159.1	99.2	75	125	05/20/2011
Cadmium	0.19		<b>5.38</b>	4.81	0.6154	99.0	75	125	05/20/2011
Chromium	0.96		<b>49.9</b>	19.2	27.99	114.1	75	125	05/20/2011
Lead	3.85		<b>87.3</b>	48.1	39.13	100.1	75	125	05/20/2011
Silver	0.53		<b>4.63</b>	4.81	0	96.4	75	125	05/20/2011

**Batch** 68307    **SampType:** MSD    Units mg/Kg-dry

SampID: 11050904-001BMSD

RPD Limit **20**

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic	2.40		<b>206</b>	192	13.00	100.2	208.1	1.12	05/20/2011
Barium	0.48		<b>343</b>	192	159.1	95.6	349.8	1.97	05/20/2011
Cadmium	0.19		<b>5.38</b>	4.81	0.6154	99.2	5.375	0.18	05/20/2011
Chromium	0.96		<b>49.1</b>	19.2	27.99	109.7	49.93	1.73	05/20/2011
Lead	3.85		<b>86.3</b>	48.1	39.13	98.1	87.25	1.12	05/20/2011
Silver	0.53		<b>4.60</b>	4.81	0	95.6	4.635	0.83	05/20/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

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

Batch 68307		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11050904-004BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic	2.50		211	200	9.800	100.8	75	125	05/20/2011	
Barium	0.50		283	200	91.80	95.6	75	125	05/20/2011	
Cadmium	0.20		5.71	5.00	0.9000	96.2	75	125	05/20/2011	
Chromium	1.00		40.2	20.0	18.17	110.4	75	125	05/20/2011	
Lead	4.00		61.6	50.0	13.19	96.8	75	125	05/20/2011	
Silver	0.55		4.75	5.00	0	95.0	75	125	05/20/2011	

Batch 68307		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11050904-004BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Arsenic	2.50		211	200	9.800	100.8	211.4	0.05	05/20/2011	
Barium	0.50		288	200	91.80	98.4	282.9	1.96	05/20/2011	
Cadmium	0.20		5.75	5.00	0.9000	97.0	5.710	0.70	05/20/2011	
Chromium	1.00		39.7	20.0	18.17	107.6	40.24	1.38	05/20/2011	
Lead	4.00		62.4	50.0	13.19	98.4	61.59	1.26	05/20/2011	
Silver	0.55		4.84	5.00	0	96.8	4.750	1.88	05/20/2011	

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

Batch 68313		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
SampID: MB-68313										
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	05/23/2011	

Batch 68313		SampType: LCS		Units mg/Kg-dry						Date Analyzed
SampID: LCS-68313										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	2.93	3.00	0	97.6	80	120	05/23/2011	

Batch 68313		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11050904-004BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	2.11	3.00	0	70.2	70	130	05/23/2011	

Batch 68313		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11050904-004BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Selenium	7740	0.600	2.11	3.00	0	70.2	2.106	0.00	05/23/2011	

### SW-846 7471A

Batch 68318		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68318										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.010		< 0.010	0.010	0	0	-100	100	05/20/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

### SW-846 7471A

Batch 68318		SampType: MBLK		Units mg/Kg						
SampID: MB-68318										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	

Batch 68318		SampType: LCS		Units mg/Kg						
SampID: LCS-68318										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury	0.010		0.270	0.250	0	108.2	85	115	05/20/2011	

Batch 68318		SampType: MS		Units mg/Kg-dry						
SampID: 11050904-008BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury	0.012		0.418	0.306	0.06180	116.4	75	125	05/20/2011	

Batch 68318		SampType: MSD		Units mg/Kg-dry				RPD Limit 15		Date Analyzed	
SampID: 11050904-008BMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Mercury	0.012		0.421	0.306	0.06180	117.4	0.4179	0.73	05/20/2011		

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

Batch 68308		SampType: MBLK		Units µg/Kg						
SampID: MB-68308										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
4,4'-DDD	1.67		ND						05/23/2011	
4,4'-DDE	1.67		ND						05/23/2011	
4,4'-DDT	1.67		ND						05/23/2011	
Alachlor	1.67		ND						05/23/2011	
Aldrin	1.67		ND						05/23/2011	
alpha-BHC	1.67		ND						05/23/2011	
alpha-Chlordane	1.67		ND						05/23/2011	
beta-BHC	1.67		ND						05/23/2011	
Chlordane	3.34		ND						05/23/2011	
delta-BHC	1.67		ND						05/23/2011	
Dieldrin	1.67		ND						05/23/2011	
Endosulfan I	1.67		ND						05/23/2011	
Endosulfan II	1.67		ND						05/23/2011	
Endosulfan sulfate	1.67		ND						05/23/2011	
Endrin	1.67		ND						05/23/2011	
Endrin aldehyde	1.67		ND						05/23/2011	
Endrin ketone	1.67		ND						05/23/2011	
gamma-BHC	1.67		ND						05/23/2011	
gamma-Chlordane	1.67		ND						05/23/2011	
Heptachlor	1.67		ND						05/23/2011	
Heptachlor epoxide	1.67		ND						05/23/2011	
Methoxychlor	1.67		ND						05/23/2011	
Toxaphene	30.0		ND						05/23/2011	
Surr: Decachlorobiphenyl			8.82	8.33		105.9	73.5	150	05/23/2011	
Surr: Tetrachloro-m-xylene			7.62	8.33		91.5	14.4	113	05/23/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

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

Batch 68308		SampType: LCS		Units µg/Kg						
SampID: LCSPST-68308										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
4,4'-DDD	1.67		7.36	8.33	0	88.3	36	208	05/23/2011	
4,4'-DDE	1.67		7.65	8.33	0	91.9	26	191	05/23/2011	
4,4'-DDT	1.67		13.4	8.33	0	160.9	3	215	05/23/2011	
Alachlor	1.67		10.4	8.33	0	124.3	30	170	05/23/2011	
Aldrin	1.67		6.91	8.33	0	82.9	46	173	05/23/2011	
alpha-BHC	1.67		7.13	8.33	0	85.6	37	179	05/23/2011	
alpha-Chlordane	1.67		7.51	8.33	0	90.2	38	187	05/23/2011	
beta-BHC	1.67		9.42	8.33	0	113.1	51	185	05/23/2011	
delta-BHC	1.67		10.1	8.33	0	121.0	46	166	05/23/2011	
Dieldrin	1.67		7.43	8.33	0	89.2	26	216	05/23/2011	
Endosulfan I	1.67		7.53	8.33	0	90.4	31	205	05/23/2011	
Endosulfan II	1.67		7.87	8.33	0	94.5	42	187	05/23/2011	
Endosulfan sulfate	1.67		9.71	8.33	0	116.5	29	230	05/23/2011	
Endrin	1.67		8.40	8.33	0	100.8	30	215	05/23/2011	
Endrin aldehyde	1.67		7.53	8.33	0	90.4	42	202	05/23/2011	
Endrin ketone	1.67		9.49	8.33	0	114.0	19	244	05/23/2011	
gamma-BHC	1.67		8.13	8.33	0	97.6	55	166	05/23/2011	
gamma-Chlordane	1.67		7.41	8.33	0	89.0	23	186	05/23/2011	
Heptachlor	1.67		7.31	8.33	0	87.8	43	172	05/23/2011	
Heptachlor epoxide	1.67		7.39	8.33	0	88.7	39	204	05/23/2011	
Methoxychlor	1.67		12.0	8.33	0	143.9	3	221	05/23/2011	
Surr: Decachlorobiphenyl			9.01	8.33		108.1	50.4	176	05/23/2011	
Surr: Tetrachloro-m-xylene			7.89	8.33		94.7	10	107	05/23/2011	

Batch 68308		SampType: MS		Units µg/Kg-dry						
SampID: 11050904-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
4,4'-DDD	4.21		16.0	21.0	0	76.3	36	208	05/23/2011	
4,4'-DDE	4.21		18.2	21.0	0	86.4	26	191	05/23/2011	
4,4'-DDT	4.21		24.9	21.0	0	118.4	3	215	05/23/2011	
Alachlor	4.21		23.6	21.0	0	112.3	30	170	05/23/2011	
Aldrin	4.21		15.4	21.0	0	73.3	46	173	05/23/2011	
alpha-BHC	4.21		17.0	21.0	0	80.9	37	179	05/23/2011	
alpha-Chlordane	4.21		15.9	21.0	0	75.5	38	187	05/23/2011	
beta-BHC	4.21		19.4	21.0	0	92.4	51	185	05/23/2011	
delta-BHC	4.21		22.4	21.0	0	106.7	46	166	05/23/2011	
Dieldrin	4.21		15.5	21.0	0	73.5	26	216	05/23/2011	
Endosulfan I	4.21		16.3	21.0	0	77.7	31	205	05/23/2011	
Endosulfan II	4.21		15.4	21.0	0	73.2	42	187	05/23/2011	
Endosulfan sulfate	4.21		20.4	21.0	0	97.0	29	230	05/23/2011	
Endrin	4.21		17.4	21.0	0	82.9	30	215	05/23/2011	
Endrin aldehyde	4.21		17.7	21.0	0	84.4	42	202	05/23/2011	
Endrin ketone	4.21		22.5	21.0	0	107.0	19	244	05/23/2011	
gamma-BHC	4.21		21.6	21.0	0	102.7	55	166	05/23/2011	
gamma-Chlordane	4.21		18.0	21.0	0	85.6	23	186	05/23/2011	
Heptachlor	4.21		16.4	21.0	0	78.0	43	172	05/23/2011	
Heptachlor epoxide	4.21		16.2	21.0	0	77.2	39	204	05/23/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

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

Batch 68308		SampType: MS		Units µg/Kg-dry						Date Analyzed
SampID: 11050904-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Methoxychlor	4.21		22.8	21.0	0	108.3	3	221	05/23/2011	
Surr: Decachlorobiphenyl			18.7	21.0		88.8	48	149	05/23/2011	
Surr: Tetrachloro-m-xylene			15.5	21.0		73.9	19	145	05/23/2011	

Batch 68308		SampType: MSD		Units µg/Kg-dry						RPD Limit 40	Date Analyzed
SampID: 11050904-001AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
4,4'-DDD	4.21		17.4	21.0	0	83.0	16.04	8.37	05/23/2011		
4,4'-DDE	4.21		19.7	21.0	0	93.7	18.16	8.12	05/23/2011		
4,4'-DDT	4.21		25.7	21.0	0	122.3	24.88	3.28	05/23/2011		
Alachlor	4.21		25.3	21.0	0	120.3	23.60	6.95	05/23/2011		
Aldrin	4.21		16.6	21.0	0	78.9	15.41	7.32	05/23/2011		
alpha-BHC	4.21		18.3	21.0	0	87.1	17.01	7.31	05/23/2011		
alpha-Chlordane	4.21		17.8	21.0	0	84.8	15.87	11.57	05/23/2011		
beta-BHC	4.21		22.0	21.0	0	104.4	19.42	12.25	05/23/2011		
delta-BHC	4.21		24.8	21.0	0	117.9	22.42	10.00	05/23/2011		
Dieldrin	4.21		17.3	21.0	0	82.1	15.46	11.01	05/23/2011		
Endosulfan I	4.21		17.6	21.0	0	83.9	16.34	7.66	05/23/2011		
Endosulfan II	4.21		16.7	21.0	0	79.3	15.38	8.10	05/23/2011		
Endosulfan sulfate	4.21		22.4	21.0	0	106.7	20.39	9.53	05/23/2011		
Endrin	4.21		19.1	21.0	0	90.7	17.43	8.97	05/23/2011		
Endrin aldehyde	4.21		19.4	21.0	0	92.4	17.74	9.03	05/23/2011		
Endrin ketone	4.21		24.1	21.0	0	114.7	22.49	6.94	05/23/2011		
gamma-BHC	4.21		22.9	21.0	0	109.0	21.60	5.90	05/23/2011		
gamma-Chlordane	4.21		18.9	21.0	0	89.9	18.00	4.93	05/23/2011		
Heptachlor	4.21		17.5	21.0	0	83.1	16.41	6.31	05/23/2011		
Heptachlor epoxide	4.21		17.4	21.0	0	82.9	16.23	7.13	05/23/2011		
Methoxychlor	4.21		26.7	21.0	0	126.9	22.77	15.82	05/23/2011		
Surr: Decachlorobiphenyl			19.8	21.0		94.3			05/23/2011		
Surr: Tetrachloro-m-xylene			15.8	21.0		75.1			05/23/2011		

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

Batch 68308		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MB-68308										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aroclor 1016	37.5		ND						05/20/2011	
Aroclor 1221	37.5		ND						05/20/2011	
Aroclor 1232	37.5		ND						05/20/2011	
Aroclor 1242	37.5		ND						05/20/2011	
Aroclor 1248	37.5		ND						05/20/2011	
Aroclor 1254	37.5		ND						05/20/2011	
Aroclor 1260	37.5		ND						05/20/2011	
Surr: Decachlorobiphenyl			11.5	8.3		138.3	86.4	159	05/20/2011	
Surr: Tetrachloro-meta-xylene			6.1	8.3		73.9	31.6	114	05/20/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

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

Batch 68308		SampType: LCS		Units µg/Kg						
SampID: LCSPCB-68308										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aroclor 1016	37.5		136	167	0	81.6	54.9	121	05/20/2011	
Aroclor 1260	37.5		145	167	0	86.7	65.5	133	05/20/2011	
Surr: Decachlorobiphenyl			12.2	8.3		147.6	86.4	159	05/20/2011	
Surr: Tetrachloro-meta-xylene			6.1	8.3		73.7	31.6	114	05/20/2011	

Batch 68308		SampType: MS		Units µg/Kg-dry						
SampID: 11050904-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aroclor 1016	94.6		356	421	0	84.6	35.8	143	05/20/2011	
Aroclor 1260	94.6		349	421	0	82.9	22.3	152	05/20/2011	
Surr: Decachlorobiphenyl			20.5	21.0		97.6	5	156	05/20/2011	
Surr: Tetrachloro-meta-xylene			11.3	21.0		54.1	7.35	123	05/20/2011	

Batch 68308		SampType: MSD		Units µg/Kg-dry				RPD Limit 40		Date Analyzed	
SampID: 11050904-001AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Aroclor 1016	94.6		339	421	0	80.5	355.7	4.94	05/20/2011		
Aroclor 1260	94.6		362	421	0	86.1	348.9	3.80	05/20/2011		
Surr: Decachlorobiphenyl			26.8	21.0		127.9			05/20/2011		
Surr: Tetrachloro-meta-xylene			14.1	21.0		67.5			05/20/2011		

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

Batch 68330		SampType: MBLK		Units mg/Kg						
SampID: MB-68330										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		ND						05/20/2011	
Acenaphthylene	0.003		ND						05/20/2011	
Anthracene	0.003		ND						05/20/2011	
Benzo(a)anthracene	0.003		ND						05/20/2011	
Benzo(a)pyrene	0.003		ND						05/20/2011	
Benzo(b)fluoranthene	0.003		ND						05/20/2011	
Benzo(g,h,i)perylene	0.003		ND						05/20/2011	
Benzo(k)fluoranthene	0.003		ND						05/20/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						05/20/2011	
Chrysene	0.003		ND						05/20/2011	
Dibenzo(a,h)anthracene	0.003		ND						05/20/2011	
Fluoranthene	0.003		ND						05/20/2011	
Fluorene	0.003		ND						05/20/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						05/20/2011	
Naphthalene	0.003		ND						05/20/2011	
Phenanthrene	0.003		ND						05/20/2011	
Pyrene	0.003		ND						05/20/2011	
Surr: 2-Fluorobiphenyl			0.128	0.167		76.4	45.7	89.2	05/20/2011	
Surr: Nitrobenzene-d5			0.139	0.167		83.2	31.4	100	05/20/2011	
Surr: p-Terphenyl-d14			0.183	0.167		109.8	53.3	124	05/20/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

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

Batch 68330 SampType: MBLK Units mg/Kg

SampID: MB-68330

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
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Batch 68330 SampType: LCS Units mg/Kg

SampID: LCS-68330

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.003		0.134	0.167	0	80.2	56.3	115	05/20/2011
Acenaphthylene	0.003		0.129	0.167	0	77.2	60.3	143	05/20/2011
Anthracene	0.003		0.128	0.167	0	76.8	52.1	109	05/20/2011
Benzo(a)anthracene	0.003		0.131	0.167	0	78.2	52.8	112	05/20/2011
Benzo(a)pyrene	0.003		0.137	0.167	0	82.2	40.8	127	05/20/2011
Benzo(b)fluoranthene	0.003		0.150	0.167	0	89.6	50.1	150	05/20/2011
Benzo(g,h,i)perylene	0.003		0.152	0.167	0	90.8	52.8	145	05/20/2011
Benzo(k)fluoranthene	0.003		0.149	0.167	0	89.0	52	153	05/20/2011
Bis(2-ethylhexyl)phthalate	0.067		0.171	0.167	0	102.2	50	150	05/20/2011
Chrysene	0.003		0.141	0.167	0	84.4	60.8	128	05/20/2011
Dibenzo(a,h)anthracene	0.003		0.152	0.167	0	91.2	54.9	150	05/20/2011
Fluoranthene	0.003		0.140	0.167	0	83.8	58.7	125	05/20/2011
Fluorene	0.003		0.130	0.167	0	78.0	57.8	125	05/20/2011
Indeno(1,2,3-cd)pyrene	0.003		0.154	0.167	0	92.4	52	147	05/20/2011
Naphthalene	0.003		0.117	0.167	0	70.1	54.8	113	05/20/2011
Phenanthrene	0.003		0.133	0.167	0	79.8	60.4	121	05/20/2011
Pyrene	0.003		0.139	0.167	0	83.0	57.9	129	05/20/2011
Surr: 2-Fluorobiphenyl			0.113	0.167		67.5	45.7	89.2	05/20/2011
Surr: Nitrobenzene-d5			0.119	0.167		71.3	31.4	100	05/20/2011
Surr: p-Terphenyl-d14			0.167	0.167		100.2	53.3	124	05/20/2011

Batch 68330 SampType: MS Units mg/Kg-dry

SampID: 11050904-007AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.004		0.172	0.194	0	88.4	36	135	05/20/2011
Acenaphthylene	0.004		0.168	0.194	0.003910	84.2	17.2	167	05/20/2011
Anthracene	0.004		0.139	0.194	0	71.7	39.3	124	05/20/2011
Benzo(a)anthracene	0.004		0.142	0.194	0	73.1	10	183	05/20/2011
Benzo(a)pyrene	0.004		0.150	0.194	0	77.0	10	204	05/20/2011
Benzo(b)fluoranthene	0.004		0.161	0.194	0	82.8	10.6	178	05/20/2011
Benzo(g,h,i)perylene	0.004		0.163	0.194	0	83.6	10	168	05/20/2011
Benzo(k)fluoranthene	0.004		0.157	0.194	0	80.6	27.6	181	05/20/2011
Bis(2-ethylhexyl)phthalate	0.078		0.184	0.194	0	94.4	50	150	05/20/2011
Chrysene	0.004		0.152	0.194	0	78.0	10	176	05/20/2011
Dibenzo(a,h)anthracene	0.004		0.166	0.194	0	85.4	12.2	156	05/20/2011
Fluoranthene	0.004		0.152	0.194	0	78.0	10	227	05/20/2011
Fluorene	0.004		0.165	0.194	0.003519	82.8	35.2	148	05/20/2011
Indeno(1,2,3-cd)pyrene	0.004		0.164	0.194	0	84.4	10	164	05/20/2011
Naphthalene	0.004		0.135	0.194	0.006255	66.0	14.7	128	05/20/2011
Phenanthrene	0.004		0.143	0.194	0	73.5	32.8	143	05/20/2011
Pyrene	0.004		0.150	0.194	0	77.2	10	180	05/20/2011
Surr: 2-Fluorobiphenyl			0.111	0.194		57.3	10	131	05/20/2011
Surr: Nitrobenzene-d5			0.120	0.194		61.5	10	132	05/20/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

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

Batch 68330		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11050904-007AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: p-Terphenyl-d14			0.184	0.194		94.4	30.6	131	05/20/2011	

Batch 68330		SampType: MSD		Units mg/Kg-dry						RPD Limit 49.7	Date Analyzed
SampID: 11050904-007AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Acenaphthene	0.004		0.160	0.194	0	82.4	0.1719	7.14	05/21/2011		
Acenaphthylene	0.004		0.155	0.194	0.003910	77.6	0.1677	8.07	05/21/2011		
Anthracene	0.004		0.126	0.194	0	64.9	0.1393	10.07	05/21/2011		
Benzo(a)anthracene	0.004		0.128	0.194	0	65.9	0.1421	10.48	05/21/2011		
Benzo(a)pyrene	0.004		0.136	0.194	0	70.3	0.1498	9.35	05/21/2011		
Benzo(b)fluoranthene	0.004		0.147	0.194	0	75.8	0.1611	8.94	05/21/2011		
Benzo(g,h,i)perylene	0.004		0.148	0.194	0	76.4	0.1626	9.11	05/21/2011		
Benzo(k)fluoranthene	0.004		0.144	0.194	0	74.1	0.1568	8.65	05/21/2011		
Bis(2-ethylhexyl)phthalate	0.078		0.168	0.194	0	86.6	0.1836	8.73	05/21/2011		
Chrysene	0.004		0.136	0.194	0	70.1	0.1518	10.91	05/21/2011		
Dibenzo(a,h)anthracene	0.004		0.152	0.194	0	78.0	0.1661	9.17	05/21/2011		
Fluoranthene	0.004		0.136	0.194	0	70.3	0.1518	10.63	05/21/2011		
Fluorene	0.004		0.151	0.194	0.003519	75.8	0.1646	8.74	05/21/2011		
Indeno(1,2,3-cd)pyrene	0.004		0.148	0.194	0	76.2	0.1642	10.32	05/21/2011		
Naphthalene	0.004		0.128	0.194	0.006255	62.8	0.1347	4.85	05/21/2011		
Phenanthrene	0.004		0.130	0.194	0	66.9	0.1428	9.52	05/21/2011		
Pyrene	0.004		0.135	0.194	0	69.7	0.1502	10.46	05/21/2011		
Surr: 2-Fluorobiphenyl			0.110	0.194		56.5			05/21/2011		
Surr: Nitrobenzene-d5			0.121	0.194		62.5			05/21/2011		
Surr: p-Terphenyl-d14			0.167	0.194		85.8			05/21/2011		

Batch 68331		SampType: MBLK		Units %REC						Date Analyzed
SampID: MB-68331										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 2-Fluorobiphenyl			0.553	0.835		66.2	46.3	106	05/20/2011	
Surr: p-Terphenyl-d14			0.805	0.835		96.4	45.5	115	05/20/2011	

Batch 68331		SampType: LCS		Units %REC						Date Analyzed
SampID: LCS-68331										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 2-Fluorobiphenyl			0.650	0.835		77.9	46.3	106	05/20/2011	
Surr: p-Terphenyl-d14			0.736	0.835		88.1	45.5	115	05/20/2011	

Batch 68331		SampType: LCS		Units %REC						Date Analyzed
SampID: LCSDRO-68331										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 2-Fluorobiphenyl			0.461	0.835		55.2	46.3	106	05/20/2011	
Surr: p-Terphenyl-d14			0.567	0.835		67.9	45.5	115	05/20/2011	

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

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

Batch 68331

SampType: MBLK

Units mg/Kg

SampID: MB-68331

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trichlorobenzene	0.500		ND						05/20/2011
1,2-Dichlorobenzene	0.500		ND						05/20/2011
1,3-Dichlorobenzene	0.500		ND						05/20/2011
1,4-Dichlorobenzene	0.500		ND						05/20/2011
2,4,5-Trichlorophenol	0.350		ND						05/20/2011
2,4,6-Trichlorophenol	0.350		ND						05/20/2011
2,4-Dichlorophenol	0.500		ND						05/20/2011
2,4-Dimethylphenol	0.500		ND						05/20/2011
2,4-Dinitrophenol	1.00		ND						05/20/2011
2,4-Dinitrotoluene	0.350		ND						05/20/2011
2,6-Dinitrotoluene	0.350		ND						05/20/2011
2-Chloronaphthalene	0.350		ND						05/20/2011
2-Chlorophenol	0.500		ND						05/20/2011
2-Methoxy-4-methylphenol	0.650		ND						05/20/2011
2-Methylnaphthalene	0.350		ND						05/20/2011
2-Nitroaniline	1.00		ND						05/20/2011
2-Nitrophenol	0.350		ND						05/20/2011
3,3'-Dichlorobenzidine	0.350		ND						05/20/2011
3-Nitroaniline	1.00		ND						05/20/2011
4,6-Dinitro-2-methylphenol	1.00		ND						05/20/2011
4-Bromophenyl phenyl ether	0.350		ND						05/20/2011
4-Chloro-3-methylphenol	0.500		ND						05/20/2011
4-Chloroaniline	0.500		ND						05/20/2011
4-Chlorophenyl phenyl ether	0.350		ND						05/20/2011
4-Nitroaniline	0.500		ND						05/20/2011
4-Nitrophenol	0.350		ND						05/20/2011
Aniline	0.500		ND						05/20/2011
Azobenzene	0.350		ND						05/20/2011
Benzidine	1.06		ND						05/20/2011
Benzoic acid	1.50		ND						05/20/2011
Benzyl alcohol	0.500		ND						05/20/2011
Bis(2-chloroethoxy)methane	0.350		ND						05/20/2011
Bis(2-chloroethyl)ether	0.500		ND						05/20/2011
Bis(2-chloroisopropyl)ether	0.350		ND						05/20/2011
Butyl benzyl phthalate	0.350		ND						05/20/2011
Carbazole	0.500		ND						05/20/2011
Dibenzofuran	0.350		ND						05/20/2011
Diethyl phthalate	0.500		ND						05/20/2011
Dimethyl phthalate	0.350		ND						05/20/2011
Di-n-butyl phthalate	0.350		ND						05/20/2011
Di-n-octyl phthalate	0.350		ND						05/20/2011
Hexachlorobenzene	0.350		ND						05/20/2011
Hexachlorobutadiene	0.500		ND						05/20/2011
Hexachlorocyclopentadiene	0.350		ND						05/20/2011
Hexachloroethane	0.500		ND						05/20/2011
Isophorone	0.350		ND						05/20/2011
m,p-Cresol	0.500		ND						05/20/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

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

Batch 68331		SampType: MBLK		Units mg/Kg						
SampID: MB-68331										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrobenzene	0.500		ND						05/20/2011	
N-Nitrosodimethylamine	0.500		ND						05/20/2011	
N-Nitroso-di-n-propylamine	0.500		ND						05/20/2011	
N-Nitrosodiphenylamine	0.500		ND						05/20/2011	
o-Cresol	0.500		ND						05/20/2011	
Pentachlorophenol	2.00		ND						05/20/2011	
Phenol	0.350		ND						05/20/2011	
Pyridine	0.500		ND						05/20/2011	
1,2-Diphenylhydrazine	0.840		ND						05/20/2011	
Surr: 2,4,6-Tribromophenol			1.81	1.67		108.1	52.1	113	05/20/2011	
Surr: 2-Fluorobiphenyl			0.687	0.835		82.3	46.3	106	05/20/2011	
Surr: 2-Fluorophenol			1.33	1.67		79.6	50.6	89	05/20/2011	
Surr: Nitrobenzene-d5			0.485	0.835		58.1	42.4	99.2	05/20/2011	
Surr: Nitrobenzene-d5			0.616	0.835		73.8	42.4	99.2	05/20/2011	
Surr: Phenol-d5			1.36	1.67		81.1	55.9	98.5	05/20/2011	
Surr: p-Terphenyl-d14			0.783	0.835		93.8	45.5	115	05/20/2011	

Batch 68331		SampType: LCS		Units mg/Kg						
SampID: LCS-68331										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		1.49	1.67	0	89.1	43.9	92.2	05/20/2011	
1,4-Dichlorobenzene	0.500		1.39	1.67	0	83.4	43.8	84.1	05/20/2011	
2,4,5-Trichlorophenol	0.350		3.74	3.33	0	112.3	38.6	123	05/20/2011	
2,4,6-Trichlorophenol	0.350		3.87	3.33	0	116.2	35.9	123	05/20/2011	
2,4-Dimethylphenol	0.500		2.89	3.33	0	86.7	38.3	88	05/20/2011	
2,4-Dinitrophenol	1.00		3.78	3.33	0	113.4	1.88	162	05/20/2011	
2,4-Dinitrotoluene	0.350		1.64	1.67	0	98.0	48.6	102	05/20/2011	
2-Chlorophenol	0.500		2.62	3.33	0	78.7	46.6	84	05/20/2011	
4-Chloro-3-methylphenol	0.500		3.07	3.33	0	92.1	51.5	94.9	05/20/2011	
4-Nitrophenol	0.350		3.32	3.33	0	99.6	53.2	104	05/20/2011	
Diethyl phthalate	0.500		3.52	3.33	0	105.7	51.7	106	05/20/2011	
Dimethyl phthalate	0.350		3.41	3.33	0	102.3	58.8	104	05/20/2011	
Di-n-butyl phthalate	0.350		1.70	1.67	0	101.8	54.3	105	05/20/2011	
Hexachlorobenzene	0.350		3.52	3.33	0	105.7	55.9	106	05/20/2011	
Hexachlorobutadiene	0.500		3.23	3.33	0	96.9	35.7	100	05/20/2011	
Hexachloroethane	0.500		2.87	3.33	0	86.2	38.9	89.9	05/20/2011	
m,p-Cresol	0.500		1.57	1.67	0	93.7	37.6	93.7	05/20/2011	
Nitrobenzene	0.500		2.73	3.33	0	81.9	51.8	104	05/20/2011	
N-Nitroso-di-n-propylamine	0.500		1.43	1.67	0	85.6	49.1	94.5	05/20/2011	
o-Cresol	0.500		1.55	1.67	0	92.6	43	101	05/20/2011	
Pentachlorophenol	2.00		3.36	3.33	0	100.9	42.2	102	05/20/2011	
Phenol	0.350		2.56	3.33	0	77.0	41.6	81.3	05/20/2011	
Pyridine	0.500		2.04	3.33	0	61.1	3.61	74.3	05/20/2011	
Surr: 2,4,6-Tribromophenol			1.87	1.67		111.7	52.1	113	05/20/2011	
Surr: 2-Fluorobiphenyl			0.662	0.835		79.3	46.3	106	05/20/2011	
Surr: 2-Fluorophenol			1.31	1.67		78.3	50.6	89	05/20/2011	
Surr: Nitrobenzene-d5			0.687	0.835		82.3	42.4	99.2	05/20/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

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

Batch 68331		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-68331										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: Nitrobenzene-d5			0.584	0.835		69.9	42.4	99.2	05/20/2011	
Surr: Phenol-d5			1.42	1.67		84.9	55.9	98.5	05/20/2011	
Surr: p-Terphenyl-d14			0.804	0.835		96.3	45.5	115	05/20/2011	

Batch 68331		SampType: LCS		Units %REC						Date Analyzed
SampID: LCSDRO-68331										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: Nitrobenzene-d5			0.445	0.835		53.3	42.4	99.2	05/20/2011	

Batch 68331		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11050904-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.608		1.69	2.03	0	82.9	35.9	102	05/20/2011	
1,4-Dichlorobenzene	0.608		1.52	2.03	0	74.6	29.8	95.5	05/20/2011	
2,4,5-Trichlorophenol	0.426		3.67	4.05	0	90.7	38.6	123	05/20/2011	
2,4,6-Trichlorophenol	0.426		3.84	4.05	0	94.8	35.9	123	05/20/2011	
2,4-Dimethylphenol	0.608		3.27	4.05	0	80.8	38.3	88	05/20/2011	
2,4-Dinitrophenol	1.22		2.98	4.05	0	73.6	1.88	162	05/20/2011	
2,4-Dinitrotoluene	0.426	S	2.24	2.03	0	110.3	37.5	107	05/20/2011	
2-Chlorophenol	0.608		3.28	4.05	0	80.9	22.6	108	05/20/2011	
4-Chloro-3-methylphenol	0.608		3.48	4.05	0	85.9	19.3	131	05/20/2011	
4-Nitrophenol	0.426		4.89	4.05	0	120.8	27.6	123	05/20/2011	
Diethyl phthalate	0.608		4.08	4.05	0	100.6	51.7	106	05/20/2011	
Dimethyl phthalate	0.426		4.00	4.05	0	98.6	58.8	104	05/20/2011	
Di-n-butyl phthalate	0.426		1.56	2.03	0	77.0	54.3	105	05/20/2011	
Hexachlorobenzene	0.426		3.93	4.05	0	96.9	55.9	106	05/20/2011	
Hexachlorobutadiene	0.608		3.65	4.05	0	90.0	35.7	100	05/20/2011	
Hexachloroethane	0.608		3.34	4.05	0	82.3	38.9	89.9	05/20/2011	
m,p-Cresol	0.608		1.66	2.03	0	81.5	37.6	93.7	05/20/2011	
Nitrobenzene	0.608		2.97	4.05	0	73.3	51.8	104	05/20/2011	
N-Nitroso-di-n-propylamine	0.608		1.59	2.03	0	78.2	45.5	99.1	05/20/2011	
o-Cresol	0.608		1.61	2.03	0	79.5	43	101	05/20/2011	
Pentachlorophenol	2.43		4.24	4.05	0	104.6	18.5	113	05/20/2011	
Phenol	0.426		3.15	4.05	0	77.7	20.8	110	05/20/2011	
Pyridine	0.608		2.36	4.05	0	58.2	3.61	74.3	05/20/2011	
Surr: 2,4,6-Tribromophenol			2.32	2.03		114.2	32.7	130	05/20/2011	
Surr: 2-Fluorobiphenyl			0.681	1.02		67.0	34.1	116	05/20/2011	
Surr: 2-Fluorophenol			1.40	2.03		68.7	30.5	99	05/20/2011	
Surr: Nitrobenzene-d5			0.615	1.02		60.6	34.1	101	05/20/2011	
Surr: Phenol-d5			1.47	2.03		72.6	34.9	110	05/20/2011	
Surr: p-Terphenyl-d14			0.737	1.02		72.6	41.7	124	05/20/2011	

Batch 68331		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11050904-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,2,4-Trichlorobenzene	0.609		1.71	2.03	0	84.1	1.686	1.41	05/20/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

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

Batch 68331		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11050904-002AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,4-Dichlorobenzene	0.609		1.58	2.03	0	77.5	1.517	3.76	05/20/2011	
2,4,5-Trichlorophenol	0.426		3.93	4.06	0	96.9	3.673	6.76	05/20/2011	
2,4,6-Trichlorophenol	0.426		4.03	4.06	0	99.5	3.843	4.82	05/20/2011	
2,4-Dimethylphenol	0.609	S	3.67	4.06	0	90.5	3.275	11.36	05/20/2011	
2,4-Dinitrophenol	1.22		3.24	4.06	0	79.8	2.984	8.10	05/20/2011	
2,4-Dinitrotoluene	0.426		2.14	2.03	0	105.5	2.242	4.43	05/20/2011	
2-Chlorophenol	0.609		3.29	4.06	0	81.2	3.278	0.39	05/20/2011	
4-Chloro-3-methylphenol	0.609		3.61	4.06	0	89.2	3.481	3.76	05/20/2011	
4-Nitrophenol	0.426		4.91	4.06	0	121.0	4.894	0.24	05/20/2011	
Diethyl phthalate	0.609	S	4.35	4.06	0	107.2	4.077	6.40	05/20/2011	
Dimethyl phthalate	0.426		3.99	4.06	0	98.4	3.996	0.13	05/20/2011	
Di-n-butyl phthalate	0.426		1.81	2.03	0	88.8	1.565	14.33	05/20/2011	
Hexachlorobenzene	0.426		4.10	4.06	0	101.0	3.926	4.26	05/20/2011	
Hexachlorobutadiene	0.609		3.78	4.06	0	93.1	3.646	3.51	05/20/2011	
Hexachloroethane	0.609		3.28	4.06	0	81.0	3.336	1.59	05/20/2011	
m,p-Cresol	0.609		1.77	2.03	0	86.9	1.656	6.52	05/20/2011	
Nitrobenzene	0.609		3.07	4.06	0	75.8	2.972	3.38	05/20/2011	
N-Nitroso-di-n-propylamine	0.609		1.65	2.03	0	81.3	1.590	3.93	05/20/2011	
o-Cresol	0.609		1.67	2.03	0	81.9	1.615	3.09	05/20/2011	
Pentachlorophenol	2.44		4.58	4.06	0	112.9	4.236	7.76	05/20/2011	
Phenol	0.426		3.36	4.06	0	82.8	3.149	6.36	05/20/2011	
Pyridine	0.609		2.48	4.06	0	61.2	2.360	4.98	05/20/2011	
Surr: 2,4,6-Tribromophenol			2.36	2.03		116.1			05/20/2011	
Surr: 2-Fluorobiphenyl			0.696	1.02		68.5			05/20/2011	
Surr: 2-Fluorophenol			1.38	2.03		67.8			05/20/2011	
Surr: Nitrobenzene-d5			0.621	1.02		61.1			05/20/2011	
Surr: Phenol-d5			1.51	2.03		74.2			05/20/2011	
Surr: p-Terphenyl-d14			0.811	1.02		79.7			05/20/2011	

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

Batch 68383		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-G110523-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.0		ND						05/23/2011	
1,1,1-Trichloroethane	5.0		ND						05/23/2011	
1,1,2,2-Tetrachloroethane	5.0		ND						05/23/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		ND						05/23/2011	
1,1,2-Trichloroethane	5.0		ND						05/23/2011	
1,1-Dichloro-2-propanone	50.0		ND						05/23/2011	
1,1-Dichloroethane	5.0		ND						05/23/2011	
1,1-Dichloroethene	5.0		ND						05/23/2011	
1,1-Dichloropropene	5.0		ND						05/23/2011	
1,2,3-Trichlorobenzene	5.0		ND						05/23/2011	
1,2,3-Trichloropropane	10		ND						05/23/2011	
1,2,3-Trimethylbenzene	5.0		ND						05/23/2011	
1,2,4-Trichlorobenzene	5.0		ND						05/23/2011	



Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-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 68383	SampType: MBLK		Units µg/Kg						
SampID: MBLK-G110523-1									
1,2,4-Trimethylbenzene	5.0		ND						05/23/2011
1,2-Dibromo-3-chloropropane	5.0		ND						05/23/2011
1,2-Dibromoethane	5.0		ND						05/23/2011
1,2-Dichlorobenzene	5.0		ND						05/23/2011
1,2-Dichloroethane	5.0		ND						05/23/2011
1,2-Dichloropropane	5.0		ND						05/23/2011
1,3,5-Trimethylbenzene	5.0		ND						05/23/2011
1,3-Dichlorobenzene	5.0		ND						05/23/2011
1,3-Dichloropropane	5.0		ND						05/23/2011
1,4-Dichlorobenzene	5.0		ND						05/23/2011
1-Chlorobutane	5.0		ND						05/23/2011
2,2-Dichloropropane	5.0		ND						05/23/2011
2-Butanone	50.0		ND						05/23/2011
2-Chlorotoluene	5.0		ND						05/23/2011
2-Hexanone	50.0		ND						05/23/2011
2-Nitropropane	50.0		ND						05/23/2011
4-Chlorotoluene	5.0		ND						05/23/2011
4-Methyl-2-pentanone	50.0		ND						05/23/2011
Acetone	50.0		ND						05/23/2011
Acrolein	100		ND						05/23/2011
Acrylonitrile	10		ND						05/23/2011
Allyl chloride	5.0		ND						05/23/2011
Benzene	1.0		ND						05/23/2011
Bromobenzene	5.0		ND						05/23/2011
Bromochloromethane	5.0		ND						05/23/2011
Bromodichloromethane	5.0		ND						05/23/2011
Bromoform	5.0		ND						05/23/2011
Bromomethane	10		ND						05/23/2011
Carbon disulfide	5.0		ND						05/23/2011
Carbon tetrachloride	5.0		ND						05/23/2011
Chlorobenzene	5.0		ND						05/23/2011
Chloroethane	10		ND						05/23/2011
Chloroform	5.0		ND						05/23/2011
Chloromethane	10		ND						05/23/2011
cis-1,2-Dichloroethene	5.0		ND						05/23/2011
cis-1,3-Dichloropropene	4.0		ND						05/23/2011
Cyclohexanone	100		ND						05/23/2011
Dibromochloromethane	5.0		ND						05/23/2011
Dibromomethane	5.0		ND						05/23/2011
Dichlorodifluoromethane	10		ND						05/23/2011
Ethyl acetate	50.0		ND						05/23/2011
Ethyl ether	5.0		ND						05/23/2011
Ethyl methacrylate	5.0		ND						05/23/2011
Ethylbenzene	5.0		ND						05/23/2011
Heptane	20.0		ND						05/23/2011
Hexachlorobutadiene	5.0		ND						05/23/2011
Hexachloroethane	5.0		ND						05/23/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

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

Batch 68383		SampType: MBLK		Units µg/Kg					
SampID: MBLK-G110523-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iodomethane	10		ND						05/23/2011
Isopropylbenzene	5.0		ND						05/23/2011
m,p-Xylenes	5.0		ND						05/23/2011
Methacrylonitrile	50.0		ND						05/23/2011
Methyl Methacrylate	5.0		ND						05/23/2011
Methyl tert-butyl ether	2.0		ND						05/23/2011
Methylacrylate	10		ND						05/23/2011
Methylene chloride	5.0	J	1.0						05/23/2011
Naphthalene	10		ND						05/23/2011
n-Butylbenzene	5.0		ND						05/23/2011
n-Hexane	20.0		ND						05/23/2011
Nitrobenzene	100		ND						05/23/2011
n-Propylbenzene	5.0		ND						05/23/2011
o-Xylene	5.0		ND						05/23/2011
Pentachloroethane	5.0		ND						05/23/2011
p-Isopropyltoluene	5.0		ND						05/23/2011
Propionitrile	50.0		ND						05/23/2011
sec-Butylbenzene	5.0		ND						05/23/2011
Styrene	5.0		ND						05/23/2011
tert-Butylbenzene	5.0		ND						05/23/2011
Tetrachloroethene	5.0		ND						05/23/2011
Tetrahydrofuran	50.0		ND						05/23/2011
Toluene	5.0		ND						05/23/2011
trans-1,2-Dichloroethene	5.0		ND						05/23/2011
trans-1,3-Dichloropropene	4.0		ND						05/23/2011
Trichloroethene	5.0		ND						05/23/2011
Trichlorofluoromethane	5.0		ND						05/23/2011
Vinyl acetate	50.0		ND						05/23/2011
Vinyl chloride	2.0		ND						05/23/2011
Surr: 1,2-Dichloroethane-d4			52.3	50.0		104.6	72.2	131	05/23/2011
Surr: 4-Bromofluorobenzene			53.9	50.0		107.9	82.1	116	05/23/2011
Surr: Dibromofluoromethane			53.2	50.0		106.4	77.7	120	05/23/2011
Surr: Toluene-d8			47.7	50.0		95.4	86	116	05/23/2011

Batch 68383		SampType: LCSD		Units µg/Kg		RPD Limit 40			
SampID: LCSD-G110523-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
1,1,1,2-Tetrachloroethane	5.0		49.3	50.0	0	98.6	50.69	2.82	05/23/2011
1,1,1-Trichloroethane	5.0		49.3	50.0	0	98.6	50.67	2.70	05/23/2011
1,1,2,2-Tetrachloroethane	5.0		43.1	50.0	0	86.2	44.49	3.22	05/23/2011
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		41.0	50.0	0	81.9	43.79	6.68	05/23/2011
1,1,2-Trichloroethane	5.0		45.3	50.0	0	90.6	46.59	2.85	05/23/2011
1,1-Dichloro-2-propanone	50.0		130	125	0	103.9	134.4	3.50	05/23/2011
1,1-Dichloroethane	5.0		43.7	50.0	0	87.4	44.85	2.64	05/23/2011
1,1-Dichloroethene	5.0		41.0	50.0	0	82.0	42.31	3.17	05/23/2011
1,1-Dichloropropene	5.0		45.5	50.0	0	91.0	47.63	4.55	05/23/2011
1,2,3-Trichlorobenzene	5.0		51.8	50.0	0	103.6	55.01	6.01	05/23/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

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

Batch 68383	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-G110523-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,2,3-Trichloropropane	10		47.6	50.0	0	95.1	48.07	1.07	05/23/2011	
1,2,3-Trimethylbenzene	5.0		44.6	50.0	0	89.3	47.03	5.24	05/23/2011	
1,2,4-Trichlorobenzene	5.0		52.6	50.0	0	105.1	56.78	7.74	05/23/2011	
1,2,4-Trimethylbenzene	5.0		44.8	50.0	0	89.6	47.20	5.17	05/23/2011	
1,2-Dibromo-3-chloropropane	5.0		51.8	50.0	0	103.7	52.93	2.10	05/23/2011	
1,2-Dibromoethane	5.0		47.8	50.0	0	95.5	49.40	3.35	05/23/2011	
1,2-Dichlorobenzene	5.0		45.8	50.0	0	91.6	48.02	4.78	05/23/2011	
1,2-Dichloroethane	5.0		47.3	50.0	0	94.7	49.40	4.26	05/23/2011	
1,2-Dichloropropane	5.0		44.3	50.0	0	88.5	45.73	3.24	05/23/2011	
1,3,5-Trimethylbenzene	5.0		43.9	50.0	0	87.7	45.45	3.56	05/23/2011	
1,3-Dichlorobenzene	5.0		46.3	50.0	0	92.6	48.88	5.38	05/23/2011	
1,3-Dichloropropane	5.0		44.8	50.0	0	89.6	46.06	2.80	05/23/2011	
1,4-Dichlorobenzene	5.0		45.3	50.0	0	90.5	48.09	6.06	05/23/2011	
1-Chlorobutane	5.0		40.5	50.0	0	81.1	42.44	4.58	05/23/2011	
2,2-Dichloropropane	5.0		48.2	50.0	0	96.5	49.09	1.77	05/23/2011	
2-Butanone	50.0		121	125	0	96.7	126.0	4.20	05/23/2011	
2-Chlorotoluene	5.0		43.0	50.0	0	86.1	45.12	4.72	05/23/2011	
2-Hexanone	50.0		122	125	0	97.3	123.9	1.85	05/23/2011	
2-Nitropropane	50.0		545	500	0	109.0	558.3	2.40	05/23/2011	
4-Chlorotoluene	5.0		43.5	50.0	0	87.0	45.66	4.85	05/23/2011	
4-Methyl-2-pentanone	50.0		124	125	0	99.1	126.3	1.91	05/23/2011	
Acetone	50.0		125	125	0	100.1	127.6	1.95	05/23/2011	
Acrylonitrile	10		47.1	50.0	0	94.1	46.53	1.13	05/23/2011	
Allyl chloride	5.0		40.5	50.0	0	81.0	42.63	5.12	05/23/2011	
Benzene	1.0		43.7	50.0	0	87.4	45.52	4.13	05/23/2011	
Bromobenzene	5.0		46.2	50.0	0	92.5	47.64	2.96	05/23/2011	
Bromochloromethane	5.0		44.3	50.0	0	88.5	45.68	3.16	05/23/2011	
Bromodichloromethane	5.0		48.7	50.0	0	97.5	50.84	4.24	05/23/2011	
Bromoform	5.0		53.5	50.0	0	106.9	55.29	3.35	05/23/2011	
Bromomethane	10		35.6	50.0	0	71.3	37.22	4.37	05/23/2011	
Carbon disulfide	5.0		36.2	50.0	0	72.4	38.38	5.82	05/23/2011	
Carbon tetrachloride	5.0		50.5	50.0	0	101.0	52.80	4.43	05/23/2011	
Chlorobenzene	5.0		45.7	50.0	0	91.5	47.29	3.35	05/23/2011	
Chloroethane	10		34.4	50.0	0	68.7	34.72	1.07	05/23/2011	
Chloroform	5.0		46.8	50.0	0	93.7	48.46	3.38	05/23/2011	
Chloromethane	10		22.4	50.0	0	44.8	22.37	0.18	05/23/2011	
cis-1,2-Dichloroethene	5.0		46.4	50.0	0	92.7	47.52	2.49	05/23/2011	
cis-1,3-Dichloropropene	4.0		48.6	50.0	0	97.3	51.04	4.79	05/23/2011	
Cyclohexanone	100		245	250	0	97.8	243.0	0.65	05/23/2011	
Dibromochloromethane	5.0		49.6	50.0	0	99.2	51.31	3.41	05/23/2011	
Dibromomethane	5.0		47.9	50.0	0	95.8	50.55	5.38	05/23/2011	
Dichlorodifluoromethane	10		10.9	50.0	0	21.8	11.42	4.75	05/23/2011	
Ethyl acetate	50.0	J	47	50.0	0	94.4	47.11	0.00	05/23/2011	
Ethyl ether	5.0		43.1	50.0	0	86.3	45.02	4.29	05/23/2011	
Ethyl methacrylate	5.0		47.6	50.0	0	95.2	49.07	3.04	05/23/2011	
Ethylbenzene	5.0		45.4	50.0	0	90.9	47.01	3.37	05/23/2011	
Heptane	20.0		38.9	50.0	0	77.8	44.24	12.82	05/23/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

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

Batch 68383		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-G110523-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Hexachlorobutadiene	5.0		53.6	50.0	0	107.1	57.70	7.46	05/23/2011	
Hexachloroethane	5.0		47.7	50.0	0	95.4	48.29	1.25	05/23/2011	
Iodomethane	10		52.7	50.0	0	105.4	52.21	0.93	05/23/2011	
Isopropylbenzene	5.0		46.6	50.0	0	93.2	48.37	3.73	05/23/2011	
m,p-Xylenes	5.0		91.5	100	0	91.5	96.15	5.00	05/23/2011	
Methacrylonitrile	50.0	J	44	50.0	0	88.1	45.76	0.00	05/23/2011	
Methyl Methacrylate	5.0		51.3	50.0	0	102.5	53.29	3.86	05/23/2011	
Methyl tert-butyl ether	2.0		47.7	50.0	0	95.4	50.03	4.77	05/23/2011	
Methylacrylate	10		46.3	50.0	0	92.7	48.46	4.49	05/23/2011	
Methylene chloride	5.0		44.4	50.0	0	88.7	45.28	2.08	05/23/2011	
Naphthalene	10		48.4	50.0	0	96.8	52.60	8.32	05/23/2011	
n-Butylbenzene	5.0		44.1	50.0	0	88.2	47.77	7.97	05/23/2011	
n-Hexane	20.0		37.9	50.0	0	75.8	41.77	9.72	05/23/2011	
Nitrobenzene	100		566	500	0	113.1	576.8	1.95	05/23/2011	
n-Propylbenzene	5.0		42.8	50.0	0	85.5	45.04	5.22	05/23/2011	
o-Xylene	5.0		45.3	50.0	0	90.6	47.29	4.28	05/23/2011	
Pentachloroethane	5.0		48.3	50.0	0	96.5	50.71	4.95	05/23/2011	
p-Isopropyltoluene	5.0		44.8	50.0	0	89.6	46.62	3.98	05/23/2011	
Propionitrile	50.0		489	500	0	97.9	495.7	1.31	05/23/2011	
sec-Butylbenzene	5.0		44.0	50.0	0	88.1	46.41	5.22	05/23/2011	
Styrene	5.0		47.4	50.0	0	94.8	49.29	3.93	05/23/2011	
tert-Butylbenzene	5.0		43.7	50.0	0	87.5	45.51	3.99	05/23/2011	
Tetrachloroethene	5.0		48.2	50.0	0	96.4	49.52	2.74	05/23/2011	
Tetrahydrofuran	50.0	J	47	50.0	0	93.7	48.86	0.00	05/23/2011	
Toluene	5.0		41.7	50.0	0	83.4	43.28	3.77	05/23/2011	
trans-1,2-Dichloroethene	5.0		43.0	50.0	0	86.0	44.44	3.27	05/23/2011	
trans-1,3-Dichloropropene	4.0		46.2	50.0	0	92.5	48.78	5.35	05/23/2011	
Trichloroethene	5.0		50.0	50.0	0	100	52.05	4.06	05/23/2011	
Trichlorofluoromethane	5.0		40.7	50.0	0	81.4	41.94	3.00	05/23/2011	
Vinyl acetate	50.0	J	45	50.0	0	89.4	46.83	0.00	05/23/2011	
Vinyl chloride	2.0		30.8	50.0	0	61.5	31.35	1.93	05/23/2011	
Surr: 1,2-Dichloroethane-d4			52.2	50.0		104.4			05/23/2011	
Surr: 4-Bromofluorobenzene			54.2	50.0		108.5			05/23/2011	
Surr: Dibromofluoromethane			53.2	50.0		106.4			05/23/2011	
Surr: Toluene-d8			47.3	50.0		94.6			05/23/2011	

Batch 68383		SampType: LCS		Units µg/Kg						Date Analyzed
SampID: LCS-G110523-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.0		50.7	50.0	0	101.4	0	200	05/23/2011	
1,1,1-Trichloroethane	5.0		50.7	50.0	0	101.3	85.6	124	05/23/2011	
1,1,2,2-Tetrachloroethane	5.0		44.5	50.0	0	89.0	0	200	05/23/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		43.8	50.0	0	87.6	0	200	05/23/2011	
1,1,2-Trichloroethane	5.0		46.6	50.0	0	93.2	0	200	05/23/2011	
1,1-Dichloro-2-propanone	50.0		134	125	0	107.6	0	200	05/23/2011	
1,1-Dichloroethane	5.0		44.8	50.0	0	89.7	0	200	05/23/2011	
1,1-Dichloroethene	5.0		42.3	50.0	0	84.6	60.1	131	05/23/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

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

Batch 68383	SampType: LCS	Units µg/Kg								Date Analyzed	
SampID: LCS-G110523-1			RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Analyses											
1,1-Dichloropropene	5.0			47.6	50.0	0	95.3	0	200	05/23/2011	
1,2,3-Trichlorobenzene	5.0			55.0	50.0	0	110.0	0	200	05/23/2011	
1,2,3-Trichloropropane	10			48.1	50.0	0	96.1	0	200	05/23/2011	
1,2,3-Trimethylbenzene	5.0			47.0	50.0	0	94.1	0	200	05/23/2011	
1,2,4-Trichlorobenzene	5.0			56.8	50.0	0	113.6	0	200	05/23/2011	
1,2,4-Trimethylbenzene	5.0			47.2	50.0	0	94.4	0	200	05/23/2011	
1,2-Dibromo-3-chloropropane	5.0			52.9	50.0	0	105.9	0	200	05/23/2011	
1,2-Dibromoethane	5.0			49.4	50.0	0	98.8	86.9	119	05/23/2011	
1,2-Dichlorobenzene	5.0			48.0	50.0	0	96.0	88	119	05/23/2011	
1,2-Dichloroethane	5.0			49.4	50.0	0	98.8	73	117	05/23/2011	
1,2-Dichloropropane	5.0			45.7	50.0	0	91.5	0	200	05/23/2011	
1,3,5-Trimethylbenzene	5.0			45.4	50.0	0	90.9	0	200	05/23/2011	
1,3-Dichlorobenzene	5.0			48.9	50.0	0	97.8	85.8	125	05/23/2011	
1,3-Dichloropropane	5.0			46.1	50.0	0	92.1	0	200	05/23/2011	
1,4-Dichlorobenzene	5.0			48.1	50.0	0	96.2	84.5	124	05/23/2011	
1-Chlorobutane	5.0			42.4	50.0	0	84.9	0	200	05/23/2011	
2,2-Dichloropropane	5.0			49.1	50.0	0	98.2	0	200	05/23/2011	
2-Butanone	50.0			126	125	0	100.8	45.3	136	05/23/2011	
2-Chlorotoluene	5.0			45.1	50.0	0	90.2	0	200	05/23/2011	
2-Hexanone	50.0			124	125	0	99.1	0	200	05/23/2011	
2-Nitropropane	50.0			558	500	0	111.7	0	200	05/23/2011	
4-Chlorotoluene	5.0			45.7	50.0	0	91.3	0	200	05/23/2011	
4-Methyl-2-pentanone	50.0			126	125	0	101.0	0	200	05/23/2011	
Acetone	50.0			128	125	0	102.1	0	200	05/23/2011	
Acrylonitrile	10			46.5	50.0	0	93.1	0	200	05/23/2011	
Allyl chloride	5.0			42.6	50.0	0	85.3	0	200	05/23/2011	
Benzene	1.0			45.5	50.0	0	91.0	73.9	109	05/23/2011	
Bromobenzene	5.0			47.6	50.0	0	95.3	0	200	05/23/2011	
Bromochloromethane	5.0			45.7	50.0	0	91.4	0	200	05/23/2011	
Bromodichloromethane	5.0			50.8	50.0	0	101.7	91.3	126	05/23/2011	
Bromoform	5.0			55.3	50.0	0	110.6	0	200	05/23/2011	
Bromomethane	10			37.2	50.0	0	74.4	0	200	05/23/2011	
Carbon disulfide	5.0			38.4	50.0	0	76.8	0	200	05/23/2011	
Carbon tetrachloride	5.0			52.8	50.0	0	105.6	83.3	127	05/23/2011	
Chlorobenzene	5.0			47.3	50.0	0	94.6	85.8	116	05/23/2011	
Chloroethane	10			34.7	50.0	0	69.4	0	200	05/23/2011	
Chloroform	5.0			48.5	50.0	0	96.9	80	113	05/23/2011	
Chloromethane	10			22.4	50.0	0	44.7	0	200	05/23/2011	
cis-1,2-Dichloroethene	5.0			47.5	50.0	0	95.0	0	200	05/23/2011	
cis-1,3-Dichloropropane	4.0			51.0	50.0	0	102.1	0	200	05/23/2011	
Cyclohexanone	100			243	250	0	97.2	0	200	05/23/2011	
Dibromochloromethane	5.0			51.3	50.0	0	102.6	89.1	119	05/23/2011	
Dibromomethane	5.0			50.6	50.0	0	101.1	0	200	05/23/2011	
Dichlorodifluoromethane	10			11.4	50.0	0	22.8	0	200	05/23/2011	
Ethyl acetate	50.0	J		47	50.0	0	94.2	0	200	05/23/2011	
Ethyl ether	5.0			45.0	50.0	0	90.0	0	200	05/23/2011	
Ethyl methacrylate	5.0			49.1	50.0	0	98.1	0	200	05/23/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11050904

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

**Report Date:** 03-Jun-11

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

Batch 68383		SampType: LCS		Units µg/Kg						
SampID: LCS-G110523-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Ethylbenzene	5.0		<b>47.0</b>	50.0	0	94.0	84.1	115	05/23/2011	
Heptane	20.0		<b>44.2</b>	50.0	0	88.5	0	200	05/23/2011	
Hexachlorobutadiene	5.0		<b>57.7</b>	50.0	0	115.4	0	200	05/23/2011	
Hexachloroethane	5.0		<b>48.3</b>	50.0	0	96.6	0	200	05/23/2011	
Iodomethane	10		<b>52.2</b>	50.0	0	104.4	0	200	05/23/2011	
Isopropylbenzene	5.0		<b>48.4</b>	50.0	0	96.7	0	200	05/23/2011	
m,p-Xylenes	5.0		<b>96.2</b>	100	0	96.2	79.1	111	05/23/2011	
Methacrylonitrile	50.0	J	<b>46</b>	50.0	0	91.5	0	200	05/23/2011	
Methyl Methacrylate	5.0		<b>53.3</b>	50.0	0	106.6	0	200	05/23/2011	
Methyl tert-butyl ether	2.0		<b>50.0</b>	50.0	0	100.1	80	128	05/23/2011	
Methylacrylate	10		<b>48.5</b>	50.0	0	96.9	0	200	05/23/2011	
Methylene chloride	5.0		<b>45.3</b>	50.0	0	90.6	73.9	116	05/23/2011	
Naphthalene	10		<b>52.6</b>	50.0	0	105.2	73.1	135	05/23/2011	
n-Butylbenzene	5.0		<b>47.8</b>	50.0	0	95.5	0	200	05/23/2011	
n-Hexane	20.0		<b>41.8</b>	50.0	0	83.5	0	200	05/23/2011	
Nitrobenzene	100		<b>577</b>	500	0	115.4	0	200	05/23/2011	
n-Propylbenzene	5.0		<b>45.0</b>	50.0	0	90.1	0	200	05/23/2011	
o-Xylene	5.0		<b>47.3</b>	50.0	0	94.6	82	117	05/23/2011	
Pentachloroethane	5.0		<b>50.7</b>	50.0	0	101.4	0	200	05/23/2011	
p-Isopropyltoluene	5.0		<b>46.6</b>	50.0	0	93.2	0	200	05/23/2011	
Propionitrile	50.0		<b>496</b>	500	0	99.1	0	200	05/23/2011	
sec-Butylbenzene	5.0		<b>46.4</b>	50.0	0	92.8	0	200	05/23/2011	
Styrene	5.0		<b>49.3</b>	50.0	0	98.6	0	200	05/23/2011	
tert-Butylbenzene	5.0		<b>45.5</b>	50.0	0	91.0	0	200	05/23/2011	
Tetrachloroethene	5.0		<b>49.5</b>	50.0	0	99.0	74.6	115	05/23/2011	
Tetrahydrofuran	50.0	J	<b>49</b>	50.0	0	97.7	0	200	05/23/2011	
Toluene	5.0		<b>43.3</b>	50.0	0	86.6	79.1	112	05/23/2011	
trans-1,2-Dichloroethene	5.0		<b>44.4</b>	50.0	0	88.9	0	200	05/23/2011	
trans-1,3-Dichloropropene	4.0		<b>48.8</b>	50.0	0	97.6	0	200	05/23/2011	
Trichloroethene	5.0		<b>52.0</b>	50.0	0	104.1	81	111	05/23/2011	
Trichlorofluoromethane	5.0		<b>41.9</b>	50.0	0	83.9	0	200	05/23/2011	
Vinyl acetate	50.0	J	<b>47</b>	50.0	0	93.7	0	200	05/23/2011	
Vinyl chloride	2.0		<b>31.4</b>	50.0	0	62.7	0	200	05/23/2011	
Surr: 1,2-Dichloroethane-d4			<b>52.2</b>	50.0		104.5	72.2	131	05/23/2011	
Surr: 4-Bromofluorobenzene			<b>53.4</b>	50.0		106.8	82.1	116	05/23/2011	
Surr: Dibromofluoromethane			<b>53.1</b>	50.0		106.1	77.7	120	05/23/2011	
Surr: Toluene-d8			<b>46.8</b>	50.0		93.6	86	116	05/23/2011	



# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11050904

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

Report Date: 03-Jun-11

Carrier: Sean Spinner

Received By: DB

Completed by:

Reviewed by:

On:

On:

18-May-11

Dawn Brantley

19-May-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 4.2
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
<i>When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.</i>				
Water - vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input checked="" type="checkbox"/>	
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		

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



# 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** 10016

11050904

Project Name: <u>Champaign NGP</u>	Project Mgr.: <u>Sazuma</u>	Project Number: <u>624-0908-0120</u>	Cost Code: <u>J0002</u>	Sampler(s): <u>Flora</u>	Matrix			Time	Total Number of Containers	Analyses by Method Name and Number						Comments (Field PID)	Lab ID #'s
					Soil	Water	Air			Wipes	Other *	VOC (826b)	SVC (8270)	SVC (8270 SIM)	RRA Metals		
Laboratory Name: <u>Teklab, Inc.</u>	Location: <u>Collinsville, IL</u>	Sample Number and (depth)	Date														
		P9-H1-W(3)	5/18/11	0900	X					X	X	X	X	X		No Methanol in VOA. 11050904	
		P9-H1-W(8)		0910	X					X	X	X	X	X		002	
		P9-H2-W(3)		0915	X					X	X	X	X	X		003	
		P9-H2-W(8)		0920	X					X	X	X	X	X		004	
		P9-H3-W(3)		0925	X					X	X	X	X	X		005	
		P9-H3-W(8)		0930	X					X	X	X	X	X		006	
		P9-H4-W(8)		0935	X					X	X	X	X	X		007	
		P9-H4-W(3)		0940	X					X	X	X	X	X		008	

Laboratory Temperature upon Receipt  
4.2 °C

**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. Sazuma / L. Hoegler (PSC)

Send Invoice to: B. Martin (Amesex)

QC Deliverable Requested:  Full QC & Limits  EDD  Other \_\_\_\_\_

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

Reporting Limits: STAD INC 740/742

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

**Shipping:**

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

**Relinquished by:** Signature Michelle Date 5/18/11 Time 1307

**Received by:** Signature [Signature] Date 5/18/11 Time 1820

Shaded Areas to be Completed by Lab



## ANALYTICAL REPORT

June 01, 2011

Work Order: 11E1093

Page 1 of 7

Report To
Heather White Teklab, Inc. 5445 Horseshoe Lake Road Collinsville, IL 62234

Work Order Information
Date Received: 05/20/2011 9:55AM Collector: Phone: (618) 344-1004 PO Number: 16678

Project : Subcontract - HW Project

Project Number: 11050904

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
<b>11E1093-01</b>	11050904-001			Matrix:Soil		Collected: 05/18/11 09:00	
Dalapon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 16:58	
3,5-Dichlorobenzoic acid	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 16:58	
Dicamba	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 16:58	
Dichlorprop	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 16:58	
2,4-D	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 16:58	
Pentachlorophenol	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 16:58	
2,4,5-TP (Silvex)	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 16:58	
Chloramben	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 16:58	
2,4,5-T	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 16:58	
2,4-DB	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 16:58	
Bentazon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 16:58	
Picloram	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 16:58	
Dinoseb	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 16:58	
DCPA	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 16:58	
Acifluorfen	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 16:58	
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	<i>107 %</i>			<i>24-140</i>	EPP	05/26/11 16:58	
<b>% Solids</b>	<b>77.8 %</b>	<b>0.1</b>	1F10112	SM 2540 G	MAV	06/01/11 15:35	

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL = Method Reporting Limit.*

Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

June 01, 2011  
Page 2 of 7

Work Order: 11E1093

**Determination of Chlorinated Phenoxy Herbicides - Quality Control**  
**Keystone Laboratories, Inc. - Newton**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1E12456 - EPA 8151A**

**Blank (1E12456-BLK1)**

Prepared: 05/24/11 Analyzed: 05/26/11

<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	0.0473		mg/kg wet	0.0760000		62.3	24-140			
Dalapon	ND	0.05	"							
3,5-Dichlorobenzoic acid	ND	0.05	"							
Dicamba	ND	0.05	"							
Dichlorprop	ND	0.05	"							
2,4-D	ND	0.05	"							
Pentachlorophenol	ND	0.05	"							
2,4,5-TP (Silvex)	ND	0.05	"							
Chloramben	ND	0.05	"							
2,4,5-T	ND	0.05	"							
2,4-DB	ND	0.05	"							
Bentazon	ND	0.05	"							
Picloram	ND	0.05	"							
Dinoseb	ND	0.05	"							
DCPA	ND	0.05	"							
Acifluorfen	ND	0.05	"							

**LCS (1E12456-BS1)**

Prepared: 05/24/11 Analyzed: 05/26/11

<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	0.0597		mg/kg wet	0.0760000		78.5	24-140			
Dalapon	0.125	0.05	"	0.208000		60.3	10-93			
3,5-Dichlorobenzoic acid	0.018	0.05	"	0.0160000		110	53-129			
Dicamba	0.014	0.05	"	0.0160000		84.4	38-123			
Dichlorprop	0.047	0.05	"	0.0480000		97.2	31-127			
2,4-D	0.028	0.05	"	0.0320000		88.5	23-127			
Pentachlorophenol	0.015	0.05	"	0.0160000		95.8	10-93			QS-01
2,4,5-TP (Silvex)	0.015	0.05	"	0.0160000		93.7	35-116			
Chloramben	0.018	0.05	"	0.0160000		112	10-94			QS-02
2,4,5-T	0.014	0.05	"	0.0160000		84.4	26-104			
2,4-DB	0.137	0.05	"	0.128000		107	42-122			
Bentazon	0.029	0.05	"	0.0320000		91.7	42-133			
Picloram	0.014	0.05	"	0.0160000		86.5	19-157			
Dinoseb	0.019	0.05	"	0.0320000		58.9	10-90			
DCPA	0.013	0.05	"	0.0160000		79.2	10-117			
Acifluorfen	0.014	0.05	"	0.0160000		88.5	24-113			

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Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

June 01, 2011  
Page 3 of 7

Work Order: 11E1093

**Determination of Chlorinated Phenoxy Herbicides - Quality Control**  
**Keystone Laboratories, Inc. - Newton**

Analyte	Reporting		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	Result	Limit								

**Batch 1E12456 - EPA 8151A**

**Matrix Spike (1E12456-MS1)** Source: 11E1093-01 Prepared: 05/24/11 Analyzed: 05/26/11

Analyte	Result	Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	0.0886		mg/kg dry	0.0973796		91.0	24-140			
Dalapon	0.252	0.05	"	0.266512	ND	94.5	19-156			
3,5-Dichlorobenzoic acid	0.020	0.05	"	0.0205010	ND	95.8	38.9-181			
Dicamba	0.022	0.05	"	0.0205010	ND	105	40-153			
Dichlorprop	0.057	0.05	"	0.0615029	ND	93.1	19.6-138			
2,4-D	0.045	0.05	"	0.0410019	ND	109	10-146			
Pentachlorophenol	0.021	0.05	"	0.0205010	ND	104	16-127			
2,4,5-TP (Silvex)	0.019	0.05	"	0.0205010	ND	92.7	31.2-159			
Chloramben	0.021	0.05	"	0.0205010	ND	103	10-133			
2,4,5-T	0.017	0.05	"	0.0205010	ND	84.4	16.4-152			
2,4-DB	0.254	0.05	"	0.164008	ND	155	35.3-156			
Bentazon	0.039	0.05	"	0.0410019	ND	94.8	10-150			
Picloram	0.019	0.05	"	0.0205010	ND	94.8	45-146			
Dinoseb	0.019	0.05	"	0.0410019	ND	45.3	10-90			
DCPA	0.018	0.05	"	0.0205010	ND	88.5	10-151			
Acifluorfen	0.023	0.05	"	0.0205010	ND	110	10-161			

**Matrix Spike Dup (1E12456-MSD1)** Source: 11E1093-01 Prepared: 05/24/11 Analyzed: 05/26/11

Analyte	Result	Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	0.108		mg/kg dry	0.0975415		110	24-140			
Dalapon	0.268	0.05	"	0.266956	ND	100	19-156	6.33	30	
3,5-Dichlorobenzoic acid	0.019	0.05	"	0.0205351	ND	92.7	38.9-181	3.15	30	
Dicamba	0.026	0.05	"	0.0205351	ND	127	40-153	19.0	30	
Dichlorprop	0.058	0.05	"	0.0616052	ND	93.4	19.6-138	0.539	30	
2,4-D	0.047	0.05	"	0.0410701	ND	116	10-146	6.20	30	
Pentachlorophenol	0.021	0.05	"	0.0205351	ND	104	16-127	0.166	30	
2,4,5-TP (Silvex)	0.020	0.05	"	0.0205351	ND	95.8	31.2-159	3.48	30	
Chloramben	0.016	0.05	"	0.0205351	ND	76.0	10-133	30.1	30	QR-02
2,4,5-T	0.019	0.05	"	0.0205351	ND	92.7	16.4-152	9.58	30	
2,4-DB	0.225	0.05	"	0.164280	ND	137	35.3-156	12.3	30	
Bentazon	0.040	0.05	"	0.0410701	ND	96.9	10-150	2.34	30	
Picloram	0.018	0.05	"	0.0205351	ND	88.5	45-146	6.65	30	
Dinoseb	0.022	0.05	"	0.0410701	ND	54.7	10-90	18.9	30	
DCPA	0.019	0.05	"	0.0205351	ND	93.8	10-151	5.88	30	
Acifluorfen	0.023	0.05	"	0.0205351	ND	111	10-161	1.11	30	

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Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

June 01, 2011  
Page 4 of 7

Work Order: 11E1093

**Determination of Chlorinated Phenoxy Herbicides - Quality Control**  
**Keystone Laboratories, Inc. - Newton**

Analyte	Reporting		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	Result	Limit								
<b>Batch 1E12456 - EPA 8151A</b>										
<b>Reference (1E12456-SRM1)</b>				Prepared: 05/24/11 Analyzed: 05/26/11						
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	0.0727		mg/kg wet	0.0760000		95.6	24-140			
Dalapon	0.196	0.05	"	0.208000		94.1	70-130			
3,5-Dichlorobenzoic acid	0.016	0.05	"	0.0160000		101	70-130			
Dicamba	0.016	0.05	"	0.0160000		101	70-130			
Dichlorprop	0.046	0.05	"	0.0480000		95.1	70-130			
2,4-D	0.032	0.05	"	0.0320000		102	70-130			
Pentachlorophenol	0.017	0.05	"	0.0160000		108	70-130			
2,4,5-TP (Silvex)	0.016	0.05	"	0.0160000		103	70-130			
Chloramben	0.016	0.05	"	0.0160000		102	70-130			
2,4,5-T	0.016	0.05	"	0.0160000		102	70-130			
2,4-DB	0.176	0.05	"	0.128000		138	70-130			QR-05
Bentazon	0.035	0.05	"	0.0320000		110	70-130			
Picloram	0.015	0.05	"	0.0160000		92.7	70-130			
Dinoseb	0.046	0.05	"	0.0320000		144	70-130			QR-05
DCPA	0.012	0.05	"	0.0160000		78.1	70-130			
Acifluorfen	0.015	0.05	"	0.0160000		91.7	70-130			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL = Method Reporting Limit.

Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

June 01, 2011  
Page 5 of 7

Work Order: 11E1093

**Determination of Conventional Chemistry Parameters - Quality Control**  
**Keystone Laboratories, Inc. - Newton**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1F10112 - Wet Chem Preparation</b>										
<b>Duplicate (1F10112-DUP1)</b>		<b>Source: 11E1496-01</b>			<b>Prepared: 06/01/01 Analyzed: 06/01/11</b>					
% Solids	81.6	0.1	%		80.9			0.763	20	

ND = Non Detect; REC= Recovery; RPD= Relative Percent Difference

**Certified Analyses included in this Report**

Method/Matrix	Analyte	Certifications
<b>EPA 8151A in Soil</b>		
	Dalapon	KS-NT,NELAC
	Dicamba	KS-NT,NELAC,SIA1X
	Dichlorprop	NELAC
	2,4-D	KS-NT,NELAC,SIA1X
	2,4,5-TP (Silvex)	KS-NT,NELAC,SIA1X
	2,4,5-T	KS-NT,NELAC
	2,4-DB	NELAC
	Picloram	KS-NT,NELAC
	Dinoseb	KS-NT,NELAC
	Acifluorfen	SIA1X
<b>SM 2540 G in Soil</b>		
	% Solids	SIA1X

Code	Description	Number	Expires
KS-KC	Kansas Department of Health and Environment-KC	E-10110	04/30/2012
KS-NT	Kansas Department of Health and Environment	E-10287	10/30/2011
NELAC	New Jersey Department of Environmental Protection	IA001	06/30/2011
SIA1X	Iowa Department of Natural Resources	95	02/01/2012

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL = Method Reporting Limit.

Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

June 01, 2011  
Page 6 of 7

**Work Order: 11E1093**

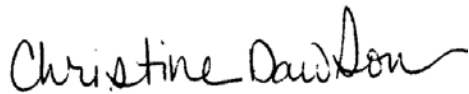
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**Notes and Definitions**

- QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- QR-05 The reference standard was outside of established control limits. The batch was accepted based on acceptable LCS, MS/MSD and RPD results.
- QS-01 The blank spike recovery and/or blank spike duplicate recovery were outside the established acceptance limits. Batch was accepted based on acceptable MS/MSD/RPD results.
- QS-02 The spike recovery for this QC sample exceeded established acceptance limits. However, all samples were below the reporting and/or regulatory limit so the data is acceptable.

---

End of Report



---

Keystone Laboratories, Inc.

Christine Dawson  
Project Manager

Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

June 01, 2011  
Page 7 of 7

Work Order: 11E1093

11E1093  
Pg.      of

**Teklab Chain of Custody**

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

Are the samples chilled?  Yes  No with:  Ice  Blue Ice Preserved in  Lab  Field

**Teklab Inc.**  
5445 Horseshoe Lake Road  
Collinsville IL 62234  
Project # 11050904  
Contact Heather White e-Mail hwhite@teklabinc.com  
Cooler Temp  Sampler Client  QC Level 3

Requested Due Date NTAT 6/18/11 Billing/PO 16678

Phone 618-344-1004

Please analysis the following for Herbs 8151 per your standard turn around time, thank you.  
Level 3 needs LCS method blank and MS/MSD.

**Please note:** NELAP accreditation is required on the requested analytes, and it must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes please contact Teklab immediately.

Sample ID	Sample Date/Time	Preservative	Matrix	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11050904-001	5/18/11 9:00	Unpres <input checked="" type="checkbox"/>	Soil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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		Unpres		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Unpres		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Relinquished By	Date/Time 5/19/11	Received By	Date/Time 5/20/11 9:55
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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL = Method Reporting Limit.

June 01, 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:** 11051087

Dear Pete Sazama:

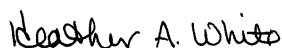
TEKLAB, INC received 4 samples on 5/23/2011 3:10:00 PM for the analysis presented in the following report.

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/>

---

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

**Report Date:** 01-Jun-11

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**This reporting package includes the following:**

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

**Report Date:** 01-Jun-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:** 11051087

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

**Report Date:** 01-Jun-11

**Cooler Receipt Temp:** 15.8 °C

Herbicide analysis performed by Keystone Laboratories, Inc. See attached report for QC data.

### 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: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-001

Client Sample ID: P9-borrow #1

Matrix: SOLID

Collection Date: 05/23/2011 14:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		9.0	%	1	05/23/2011 16:00	R149818
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		91.0	%	1	05/23/2011 16:00	R149791
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.549		Interference	mg/Kg-dry	1	05/24/2011 8:46	R149815
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.55		< 0.55	mg/Kg-dry	1	05/24/2011 8:46	R149815
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.40		7.63	mg/Kg-dry	1	05/24/2011 13:18	68384
Barium	NELAP	0.48		73.0	mg/Kg-dry	1	05/24/2011 13:18	68384
Cadmium	NELAP	0.19		0.27	mg/Kg-dry	1	05/24/2011 13:18	68384
Chromium	NELAP	0.96		12.5	mg/Kg-dry	1	05/24/2011 13:18	68384
Lead	NELAP	3.85		58.4	mg/Kg-dry	1	05/24/2011 13:18	68384
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	05/24/2011 13:18	68384
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.556		< 0.556	mg/Kg-dry	1	05/24/2011 12:41	68382
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011		0.029	mg/Kg-dry	1	05/24/2011 0:00	68396
<b>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</b>								
4,4'-DDD	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
4,4'-DDE	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
4,4'-DDT	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
Alachlor	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
Aldrin	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
alpha-BHC	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
alpha-Chlordane	NELAP	1.83		4.14	µg/Kg-dry	1	05/24/2011 19:26	68390
beta-BHC	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
Chlordane	NELAP	3.66		8.58	µg/Kg-dry	1	05/24/2011 19:26	68390
delta-BHC	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
Dieldrin	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
Endosulfan I	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
Endosulfan II	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
Endosulfan sulfate	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
Endrin	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
Endrin aldehyde	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
Endrin ketone	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
gamma-BHC	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
gamma-Chlordane	NELAP	1.83		4.44	µg/Kg-dry	1	05/24/2011 19:26	68390
Heptachlor	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
Heptachlor epoxide	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
Methoxychlor	NELAP	1.83		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
Toxaphene	NELAP	32.8		ND	µg/Kg-dry	1	05/24/2011 19:26	68390
Surr: Decachlorobiphenyl		48-149		77.2	%REC	1	05/24/2011 19:26	68390
Surr: Tetrachloro-m-xylene		19-145		87.7	%REC	1	05/24/2011 19:26	68390
<b>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</b>								
Aroclor 1016	NELAP	41.0		ND	µg/Kg-dry	1	05/24/2011 9:48	68390

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-001

Client Sample ID: P9-borrow #1

Matrix: SOLID

Collection Date: 05/23/2011 14:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</b>								
Aroclor 1221	NELAP	41.0		ND	µg/Kg-dry	1	05/24/2011 9:48	68390
Aroclor 1232	NELAP	41.0		ND	µg/Kg-dry	1	05/24/2011 9:48	68390
Aroclor 1242	NELAP	41.0		ND	µg/Kg-dry	1	05/24/2011 9:48	68390
Aroclor 1248	NELAP	41.0		ND	µg/Kg-dry	1	05/24/2011 9:48	68390
Aroclor 1254	NELAP	41.0		ND	µg/Kg-dry	1	05/24/2011 9:48	68390
Aroclor 1260	NELAP	41.0		ND	µg/Kg-dry	1	05/24/2011 9:48	68390
Surr: Decachlorobiphenyl		5-156		107.2	%REC	1	05/24/2011 9:48	68390
Surr: Tetrachloro-meta-xylene		7.35-123		81.2	%REC	1	05/24/2011 9:48	68390
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		0.016	mg/Kg-dry	1	05/24/2011 9:54	68374
Acenaphthylene	NELAP	0.004		0.008	mg/Kg-dry	1	05/24/2011 9:54	68374
Anthracene	NELAP	0.004		0.011	mg/Kg-dry	1	05/24/2011 9:54	68374
Benzo(a)anthracene	NELAP	0.004		0.035	mg/Kg-dry	1	05/24/2011 9:54	68374
Benzo(a)pyrene	NELAP	0.004		0.043	mg/Kg-dry	1	05/24/2011 9:54	68374
Benzo(b)fluoranthene	NELAP	0.004		0.051	mg/Kg-dry	1	05/24/2011 9:54	68374
Benzo(g,h,i)perylene	NELAP	0.004		0.029	mg/Kg-dry	1	05/24/2011 9:54	68374
Benzo(k)fluoranthene	NELAP	0.004		0.018	mg/Kg-dry	1	05/24/2011 9:54	68374
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	05/24/2011 9:54	68374
Chrysene	NELAP	0.004		0.045	mg/Kg-dry	1	05/24/2011 9:54	68374
Dibenzo(a,h)anthracene	NELAP	0.004		0.007	mg/Kg-dry	1	05/24/2011 9:54	68374
Fluoranthene	NELAP	0.004		0.066	mg/Kg-dry	1	05/24/2011 9:54	68374
Fluorene	NELAP	0.004		0.014	mg/Kg-dry	1	05/24/2011 9:54	68374
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.020	mg/Kg-dry	1	05/24/2011 9:54	68374
Naphthalene	NELAP	0.004		0.015	mg/Kg-dry	1	05/24/2011 9:54	68374
Phenanthrene	NELAP	0.004		0.045	mg/Kg-dry	1	05/24/2011 9:54	68374
Pyrene	NELAP	0.004		0.081	mg/Kg-dry	1	05/24/2011 9:54	68374
Surr: 2-Fluorobiphenyl		10-131		73.7	%REC	1	05/24/2011 9:54	68374
Surr: Nitrobenzene-d5		10-132		66.5	%REC	1	05/24/2011 9:54	68374
Surr: p-Terphenyl-d14		30.6-131		110.2	%REC	1	05/24/2011 9:54	68374
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
1,2-Dichlorobenzene	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
1,3-Dichlorobenzene	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
1,4-Dichlorobenzene	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
2,4,5-Trichlorophenol	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
2,4,6-Trichlorophenol	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
2,4-Dichlorophenol	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
2,4-Dimethylphenol	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
2,4-Dinitrophenol	NELAP	1.10		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
2,4-Dinitrotoluene	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
2,6-Dinitrotoluene	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
2-Chloronaphthalene	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
2-Chlorophenol	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
2-Methoxy-4-methylphenol		0.714		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
2-Methylnaphthalene	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
2-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
2-Nitrophenol	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-001

Client Sample ID: P9-borrow #1

Matrix: SOLID

Collection Date: 05/23/2011 14:15

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	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
3-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
4,6-Dinitro-2-methylphenol	NELAP	1.10		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
4-Bromophenyl phenyl ether	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
4-Chloro-3-methylphenol	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
4-Chloroaniline	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
4-Chlorophenyl phenyl ether	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
4-Nitroaniline	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
4-Nitrophenol	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Aniline	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Azobenzene		0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Benzidine	NELAP	1.16		See note	mg/Kg-dry	1	05/24/2011 14:01	68389
Benzoic acid	NELAP	1.65		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Benzyl alcohol	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Bis(2-chloroethoxy)methane	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Bis(2-chloroethyl)ether	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Bis(2-chloroisopropyl)ether	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Butyl benzyl phthalate	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Carbazole		0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Dibenzofuran	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Diethyl phthalate	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Dimethyl phthalate	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Di-n-butyl phthalate	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Di-n-octyl phthalate	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Hexachlorobenzene	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Hexachlorobutadiene	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Hexachlorocyclopentadiene	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Hexachloroethane	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Isophorone	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
m,p-Cresol	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Nitrobenzene	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
N-Nitrosodimethylamine	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
N-Nitroso-di-n-propylamine	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
N-Nitrosodiphenylamine	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
o-Cresol	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Pentachlorophenol	NELAP	2.20		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Phenol	NELAP	0.384		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Pyridine	NELAP	0.549		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
1,2-Diphenylhydrazine		0.922		ND	mg/Kg-dry	1	05/24/2011 14:01	68389
Surr: 2,4,6-Tribromophenol		32.7-130		92.3	%REC	1	05/24/2011 14:01	68389
Surr: 2-Fluorobiphenyl		34.1-116		66.6	%REC	1	05/24/2011 14:01	68389
Surr: 2-Fluorophenol		30.5-99		67.9	%REC	1	05/24/2011 14:01	68389
Surr: Nitrobenzene-d5		34.1-101		61.7	%REC	1	05/24/2011 14:01	68389
Surr: Phenol-d5		34.9-110		67.8	%REC	1	05/24/2011 14:01	68389
Surr: p-Terphenyl-d14		41.7-124		76.6	%REC	1	05/24/2011 14:01	68389

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-001

Client Sample ID: P9-borrow #1

Matrix: SOLID

Collection Date: 05/23/2011 14:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,1,1-Trichloroethane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,1,2,2-Tetrachloroethane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,1,2-Trichloro-1,2,2-trifluoroethane		4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,1,2-Trichloroethane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,1-Dichloro-2-propanone		43.2		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,1-Dichloroethane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,1-Dichloroethene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,1-Dichloropropene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,2,3-Trichlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,2,3-Trichloropropane	NELAP	8.6		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,2,3-Trimethylbenzene		4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,2,4-Trichlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,2,4-Trimethylbenzene	NELAP	4.3	J	1.0	µg/Kg-dry	1	05/24/2011 10:07	68412
1,2-Dibromo-3-chloropropane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,2-Dibromoethane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,2-Dichlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,2-Dichloroethane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,2-Dichloropropane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,3,5-Trimethylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,3-Dichlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,3-Dichloropropane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1,4-Dichlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
1-Chlorobutane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
2,2-Dichloropropane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
2-Butanone	NELAP	43.2		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
2-Chlorotoluene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
2-Hexanone	NELAP	43.2		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
2-Nitropropane	NELAP	43.2		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
4-Chlorotoluene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
4-Methyl-2-pentanone	NELAP	43.2		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Acetone	NELAP	43.2	J	26	µg/Kg-dry	1	05/24/2011 10:07	68412
Acrolein	NELAP	86.4		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Acrylonitrile	NELAP	8.6		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Allyl chloride	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Benzene	NELAP	0.9		2.0	µg/Kg-dry	1	05/24/2011 10:07	68412
Bromobenzene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Bromochloromethane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Bromodichloromethane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Bromoform	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Bromomethane	NELAP	8.6		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Carbon disulfide	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Carbon tetrachloride	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Chlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Chloroethane	NELAP	8.6		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Chloroform	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Chloromethane	NELAP	8.6		ND	µg/Kg-dry	1	05/24/2011 10:07	68412

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-001

Client Sample ID: P9-borrow #1

Matrix: SOLID

Collection Date: 05/23/2011 14:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
cis-1,2-Dichloroethene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
cis-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Cyclohexanone		86.4		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Dibromochloromethane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Dibromomethane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Dichlorodifluoromethane	NELAP	8.6		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Ethyl acetate	NELAP	43.2		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Ethyl ether	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Ethyl methacrylate	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Ethylbenzene	NELAP	4.3	J	1.8	µg/Kg-dry	1	05/24/2011 10:07	68412
Heptane		17.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Hexachlorobutadiene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Hexachloroethane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Iodomethane	NELAP	8.6		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Isopropylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
m,p-Xylenes	NELAP	4.3	J	4.2	µg/Kg-dry	1	05/24/2011 10:07	68412
Methacrylonitrile	NELAP	43.2		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Methyl Methacrylate	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Methyl tert-butyl ether	NELAP	1.7		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Methylacrylate		8.6		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Methylene chloride	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Naphthalene	NELAP	8.6		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
n-Butylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
n-Hexane		17.3	J	3.6	µg/Kg-dry	1	05/24/2011 10:07	68412
Nitrobenzene	NELAP	86.4		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
n-Propylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
o-Xylene	NELAP	4.3	J	1.4	µg/Kg-dry	1	05/24/2011 10:07	68412
Pentachloroethane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
p-Isopropyltoluene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Propionitrile	NELAP	43.2		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
sec-Butylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Styrene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
tert-Butylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Tetrachloroethene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Tetrahydrofuran	NELAP	43.2		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Toluene	NELAP	4.3		4.4	µg/Kg-dry	1	05/24/2011 10:07	68412
trans-1,2-Dichloroethene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
trans-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Trichloroethene	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Trichlorofluoromethane	NELAP	4.3		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Vinyl acetate	NELAP	43.2		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Vinyl chloride	NELAP	1.7		ND	µg/Kg-dry	1	05/24/2011 10:07	68412
Surr: 1,2-Dichloroethane-d4		72.2-131		112.6	%REC	1	05/24/2011 10:07	68412
Surr: 4-Bromofluorobenzene		82.1-116		87.9	%REC	1	05/24/2011 10:07	68412
Surr: Dibromofluoromethane		77.7-120		111.3	%REC	1	05/24/2011 10:07	68412
Surr: Toluene-d8		86-116		108.4	%REC	1	05/24/2011 10:07	68412

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



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

**Report Date:** 01-Jun-11

**Lab ID:** 11051087-001

**Client Sample ID:** P9-borrow #1

**Matrix:** SOLID

**Collection Date:** 05/23/2011 14:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</b>								
2,4,5-T	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 17:46	R150116
2,4,5-TP (Silvex)	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 17:46	R150116
2,4-D	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 17:46	R150116
2,4-DB	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 17:46	R150116
3,5-Dichlorobenzoic Acid	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 17:46	R150116
Acifluorfen	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 17:46	R150116
Bentazon	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 17:46	R150116
Chloramben	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 17:46	R150116
Dalapon	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 17:46	R150116
DCPA	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 17:46	R150116
Dicamba	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 17:46	R150116
Dichlorprop	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 17:46	R150116
Dinoseb	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 17:46	R150116
Pentachlorophenol	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 17:46	R150116
Picloram	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 17:46	R150116
Surr: DCAA		24-140		73.0	%REC	1	05/26/2011 17:46	R150116

The spike recovery for the LCS exceeded established acceptance limits for Chloramben. However, all samples were below the reporting and/or regulatory limit so the data is acceptable.

The blank spike recovery and/or blank spike recovery duplicate for Pentachlorophenol was outside the established acceptance limits. Batch accepted based on acceptable MS/MSD/RPD results.

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-002

Client Sample ID: P9-borrow #2

Matrix: SOLID

Collection Date: 05/23/2011 14:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		6.4	%	1	05/23/2011 16:00	R149818
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		93.6	%	1	05/23/2011 16:00	R149791
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.534		< 0.534	mg/Kg-dry	1	05/24/2011 8:46	R149815
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.53		< 0.53	mg/Kg-dry	1	05/24/2011 8:46	R149815
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.27		7.03	mg/Kg-dry	1	05/24/2011 13:40	68384
Barium	NELAP	0.45		34.5	mg/Kg-dry	1	05/24/2011 13:40	68384
Cadmium	NELAP	0.18	J	0.17	mg/Kg-dry	1	05/24/2011 13:40	68384
Chromium	NELAP	0.91		5.44	mg/Kg-dry	1	05/24/2011 13:40	68384
Lead	NELAP	3.64		12.1	mg/Kg-dry	1	05/24/2011 13:40	68384
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	05/24/2011 17:21	68384
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.545		< 0.545	mg/Kg-dry	1	05/24/2011 12:45	68382
<b>SW-846 7471A</b>								
Mercury	NELAP	0.010	J	0.008	mg/Kg-dry	1	05/24/2011 0:00	68396
<b>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</b>								
4,4'-DDD	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
4,4'-DDE	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
4,4'-DDT	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
Alachlor	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
Aldrin	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
alpha-BHC	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
alpha-Chlordane	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
beta-BHC	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
Chlordane	NELAP	17.7		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
delta-BHC	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
Dieldrin	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
Endosulfan I	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
Endosulfan II	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
Endosulfan sulfate	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
Endrin	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
Endrin aldehyde	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
Endrin ketone	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
gamma-BHC	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
gamma-Chlordane	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
Heptachlor	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
Heptachlor epoxide	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
Methoxychlor	NELAP	8.87		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
Toxaphene	NELAP	159		ND	µg/Kg-dry	5	05/24/2011 20:39	68390
Surr: Decachlorobiphenyl		48-149		74.0	%REC	5	05/24/2011 20:39	68390
Surr: Tetrachloro-m-xylene		19-145		90.9	%REC	5	05/24/2011 20:39	68390

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-002

Client Sample ID: P9-borrow #2

Matrix: SOLID

Collection Date: 05/23/2011 14:30

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	39.9		ND	µg/Kg-dry	1	05/24/2011 10:07	68390
Aroclor 1221	NELAP	39.9		ND	µg/Kg-dry	1	05/24/2011 10:07	68390
Aroclor 1232	NELAP	39.9		ND	µg/Kg-dry	1	05/24/2011 10:07	68390
Aroclor 1242	NELAP	39.9		ND	µg/Kg-dry	1	05/24/2011 10:07	68390
Aroclor 1248	NELAP	39.9		ND	µg/Kg-dry	1	05/24/2011 10:07	68390
Aroclor 1254	NELAP	39.9		ND	µg/Kg-dry	1	05/24/2011 10:07	68390
Aroclor 1260	NELAP	39.9		ND	µg/Kg-dry	1	05/24/2011 10:07	68390
Surr: Decachlorobiphenyl		5-156		103.6	%REC	1	05/24/2011 10:07	68390
Surr: Tetrachloro-meta-xylene		7.35-123		83.6	%REC	1	05/24/2011 10:07	68390

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Acenaphthylene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Anthracene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Benzo(a)anthracene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Benzo(a)pyrene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Benzo(b)fluoranthene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Benzo(g,h,i)perylene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Benzo(k)fluoranthene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Bis(2-ethylhexyl)phthalate	NELAP	8.94		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Chrysene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Dibenzo(a,h)anthracene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Fluoranthene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Fluorene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Indeno(1,2,3-cd)pyrene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Naphthalene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Phenanthrene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Pyrene	NELAP	0.454		ND	mg/Kg-dry	25	05/24/2011 13:28	68374
Surr: 2-Fluorobiphenyl		10-131		65.0	%REC	25	05/24/2011 13:28	68374
Surr: Nitrobenzene-d5		10-132		55.0	%REC	25	05/24/2011 13:28	68374
Surr: p-Terphenyl-d14		30.6-131		115.0	%REC	25	05/24/2011 13:28	68374

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

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	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
1,2-Dichlorobenzene	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
1,3-Dichlorobenzene	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
1,4-Dichlorobenzene	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
2,4,5-Trichlorophenol	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
2,4,6-Trichlorophenol	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
2,4-Dichlorophenol	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
2,4-Dimethylphenol	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
2,4-Dinitrophenol	NELAP	53.4		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
2,4-Dinitrotoluene	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
2,6-Dinitrotoluene	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
2-Chloronaphthalene	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
2-Chlorophenol	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
2-Methoxy-4-methylphenol		34.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
2-Methylnaphthalene	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-002

Client Sample ID: P9-borrow #2

Matrix: SOLID

Collection Date: 05/23/2011 14:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Nitroaniline	NELAP	53.4		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
2-Nitrophenol	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
3,3'-Dichlorobenzidine	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
3-Nitroaniline	NELAP	53.4		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
4,6-Dinitro-2-methylphenol	NELAP	53.4		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
4-Bromophenyl phenyl ether	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
4-Chloro-3-methylphenol	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
4-Chloroaniline	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
4-Chlorophenyl phenyl ether	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
4-Nitroaniline	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
4-Nitrophenol	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Aniline	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Azobenzene		18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Benzidine	NELAP	56.4		See note	mg/Kg-dry	10	05/24/2011 16:42	68389
Benzoic acid	NELAP	80.0		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Benzyl alcohol	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Bis(2-chloroethoxy)methane	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Bis(2-chloroethyl)ether	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Bis(2-chloroisopropyl)ether	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Butyl benzyl phthalate	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Carbazole		26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Dibenzofuran	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Diethyl phthalate	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Dimethyl phthalate	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Di-n-butyl phthalate	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Di-n-octyl phthalate	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Hexachlorobenzene	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Hexachlorobutadiene	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Hexachlorocyclopentadiene	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Hexachloroethane	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Isophorone	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
m,p-Cresol	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Nitrobenzene	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
N-Nitrosodimethylamine	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
N-Nitroso-di-n-propylamine	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
N-Nitrosodiphenylamine	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
o-Cresol	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Pentachlorophenol	NELAP	107		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Phenol	NELAP	18.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Pyridine	NELAP	26.7		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
1,2-Diphenylhydrazine		44.8		ND	mg/Kg-dry	10	05/24/2011 16:42	68389
Surr: 2,4,6-Tribromophenol		32.7-130		57.6	%REC	10	05/24/2011 16:42	68389
Surr: 2-Fluorobiphenyl		34.1-116		51.5	%REC	10	05/24/2011 16:42	68389
Surr: 2-Fluorophenol		30.5-99		48.6	%REC	10	05/24/2011 16:42	68389
Surr: Nitrobenzene-d5		34.1-101		59.1	%REC	10	05/24/2011 16:42	68389
Surr: Phenol-d5		34.9-110		47.1	%REC	10	05/24/2011 16:42	68389
Surr: p-Terphenyl-d14		41.7-124		55.9	%REC	10	05/24/2011 16:42	68389

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-002

Client Sample ID: P9-borrow #2

Matrix: SOLID

Collection Date: 05/23/2011 14:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
<i>Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.</i>								
<i>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	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,1,1-Trichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,1,2,2-Tetrachloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,1,2-Trichloro-1,2,2-trifluoroethane		4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,1,2-Trichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,1-Dichloro-2-propanone		41.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,1-Dichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,1-Dichloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,1-Dichloropropene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,2,3-Trichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,2,3-Trichloropropane	NELAP	8.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,2,3-Trimethylbenzene		4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,2,4-Trichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,2,4-Trimethylbenzene	NELAP	4.1	J	0.9	µg/Kg-dry	1	05/24/2011 10:36	68412
1,2-Dibromo-3-chloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,2-Dibromoethane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,2-Dichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,2-Dichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,2-Dichloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,3,5-Trimethylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,3-Dichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,3-Dichloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1,4-Dichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
1-Chlorobutane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
2,2-Dichloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
2-Butanone	NELAP	41.3	J	8.4	µg/Kg-dry	1	05/24/2011 10:36	68412
2-Chlorotoluene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
2-Hexanone	NELAP	41.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
2-Nitropropane	NELAP	41.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
4-Chlorotoluene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
4-Methyl-2-pentanone	NELAP	41.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Acetone	NELAP	41.3	J	40	µg/Kg-dry	1	05/24/2011 10:36	68412
Acrolein	NELAP	82.6		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Acrylonitrile	NELAP	8.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Allyl chloride	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Benzene	NELAP	0.8		2.2	µg/Kg-dry	1	05/24/2011 10:36	68412
Bromobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Bromochloromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Bromodichloromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Bromoform	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Bromomethane	NELAP	8.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Carbon disulfide	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Carbon tetrachloride	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Chlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412

Client: PSC Industrial Outsourcing, LP

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Report Date: 01-Jun-11

Lab ID: 11051087-002

Client Sample ID: P9-borrow #2

Matrix: SOLID

Collection Date: 05/23/2011 14:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Chloroethane	NELAP	8.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Chloroform	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Chloromethane	NELAP	8.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
cis-1,2-Dichloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
cis-1,3-Dichloropropene	NELAP	3.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Cyclohexanone		82.6		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Dibromochloromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Dibromomethane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Dichlorodifluoromethane	NELAP	8.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Ethyl acetate	NELAP	41.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Ethyl ether	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Ethyl methacrylate	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Ethylbenzene	NELAP	4.1	J	1.7	µg/Kg-dry	1	05/24/2011 10:36	68412
Heptane		16.5	J	1.8	µg/Kg-dry	1	05/24/2011 10:36	68412
Hexachlorobutadiene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Hexachloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Iodomethane	NELAP	8.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Isopropylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
m,p-Xylenes	NELAP	4.1	J	3.5	µg/Kg-dry	1	05/24/2011 10:36	68412
Methacrylonitrile	NELAP	41.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Methyl Methacrylate	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Methyl tert-butyl ether	NELAP	1.7		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Methylacrylate		8.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Methylene chloride	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Naphthalene	NELAP	8.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
n-Butylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
n-Hexane		16.5	J	3.2	µg/Kg-dry	1	05/24/2011 10:36	68412
Nitrobenzene	NELAP	82.6		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
n-Propylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
o-Xylene	NELAP	4.1	J	1.3	µg/Kg-dry	1	05/24/2011 10:36	68412
Pentachloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
p-Isopropyltoluene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Propionitrile	NELAP	41.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
sec-Butylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Styrene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
tert-Butylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Tetrachloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Tetrahydrofuran	NELAP	41.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Toluene	NELAP	4.1		5.2	µg/Kg-dry	1	05/24/2011 10:36	68412
trans-1,2-Dichloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
trans-1,3-Dichloropropene	NELAP	3.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Trichloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Trichlorofluoromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Vinyl acetate	NELAP	41.3		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Vinyl chloride	NELAP	1.7		ND	µg/Kg-dry	1	05/24/2011 10:36	68412
Surr: 1,2-Dichloroethane-d4		72.2-131		112.2	%REC	1	05/24/2011 10:36	68412
Surr: 4-Bromofluorobenzene		82.1-116		87.8	%REC	1	05/24/2011 10:36	68412

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

**Report Date:** 01-Jun-11

**Lab ID:** 11051087-002

**Client Sample ID:** P9-borrow #2

**Matrix:** SOLID

**Collection Date:** 05/23/2011 14:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Dibromofluoromethane		77.7-120		112.1	%REC	1	05/24/2011 10:36	68412
Surr: Toluene-d8		86-116		107.3	%REC	1	05/24/2011 10:36	68412
<i>Surrogate/ and or internal standard recovery was outside QC limits due to matrix interference.</i>								
<b>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</b>								
2,4,5-T	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 18:33	R150116
2,4,5-TP (Silvex)	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 18:33	R150116
2,4-D	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 18:33	R150116
2,4-DB	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 18:33	R150116
3,5-Dichlorobenzoic Acid	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 18:33	R150116
Acifluorfen	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 18:33	R150116
Bentazon	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 18:33	R150116
Chloramben	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 18:33	R150116
Dalapon	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 18:33	R150116
DCPA	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 18:33	R150116
Dicamba	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 18:33	R150116
Dichlorprop	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 18:33	R150116
Dinoseb	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 18:33	R150116
Pentachlorophenol	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 18:33	R150116
Picloram	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 18:33	R150116
Surr: DCAA		24-140		77.6	%REC	1	05/26/2011 18:33	R150116

*The spike recovery for the LCS exceeded established acceptance limits for Chloramben. However, all samples were below the reporting and/or regulatory limit so the data is acceptable.*

*The blank spike recovery and/or blank spike recovery duplicate for Pentachlorophenol was outside the established acceptance limits. Batch accepted based on acceptable MS/MSD/RPD results.*

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-003

Client Sample ID: P9-borrow #3

Matrix: SOLID

Collection Date: 05/23/2011 14:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		14.8	%	1	05/23/2011 16:00	R149818
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		85.2	%	1	05/23/2011 16:00	R149791
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.610		Interference	mg/Kg-dry	1	05/24/2011 8:46	R149815
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.61		< 0.61	mg/Kg-dry	1	05/24/2011 8:46	R149815
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.40		7.67	mg/Kg-dry	1	05/24/2011 13:45	68384
Barium	NELAP	0.48		110	mg/Kg-dry	1	05/24/2011 13:45	68384
Cadmium	NELAP	0.19		0.37	mg/Kg-dry	1	05/24/2011 13:45	68384
Chromium	NELAP	0.96		19.3	mg/Kg-dry	1	05/24/2011 13:45	68384
Lead	NELAP	3.85		32.7	mg/Kg-dry	1	05/24/2011 13:45	68384
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	05/24/2011 13:45	68384
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	05/24/2011 13:08	68382
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011		0.053	mg/Kg-dry	1	05/24/2011 0:00	68396
<b>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</b>								
4,4'-DDD	NELAP	1.96		2.36	µg/Kg-dry	1	05/24/2011 21:04	68390
4,4'-DDE	NELAP	1.96		2.02	µg/Kg-dry	1	05/24/2011 21:04	68390
4,4'-DDT	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
Alachlor	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
Aldrin	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
alpha-BHC	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
alpha-Chlordane	NELAP	1.96		7.11	µg/Kg-dry	1	05/24/2011 21:04	68390
beta-BHC	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
Chlordane	NELAP	3.92		16.5	µg/Kg-dry	1	05/24/2011 21:04	68390
delta-BHC	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
Dieldrin	NELAP	1.96	J	1.7	µg/Kg-dry	1	05/24/2011 21:04	68390
Endosulfan I	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
Endosulfan II	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
Endosulfan sulfate	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
Endrin	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
Endrin aldehyde	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
Endrin ketone	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
gamma-BHC	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
gamma-Chlordane	NELAP	1.96		9.40	µg/Kg-dry	1	05/24/2011 21:04	68390
Heptachlor	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
Heptachlor epoxide	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
Methoxychlor	NELAP	1.96		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
Toxaphene	NELAP	35.2		ND	µg/Kg-dry	1	05/24/2011 21:04	68390
Surr: Decachlorobiphenyl		48-149		92.2	%REC	1	05/24/2011 21:04	68390
Surr: Tetrachloro-m-xylene		19-145		98.1	%REC	1	05/24/2011 21:04	68390
<b>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</b>								
Aroclor 1016	NELAP	44.0		ND	µg/Kg-dry	1	05/24/2011 11:05	68390



Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-003

Client Sample ID: P9-borrow #3

Matrix: SOLID

Collection Date: 05/23/2011 14:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</b>								
Aroclor 1221	NELAP	44.0		ND	µg/Kg-dry	1	05/24/2011 11:05	68390
Aroclor 1232	NELAP	44.0		ND	µg/Kg-dry	1	05/24/2011 11:05	68390
Aroclor 1242	NELAP	44.0		ND	µg/Kg-dry	1	05/24/2011 11:05	68390
Aroclor 1248	NELAP	44.0		ND	µg/Kg-dry	1	05/24/2011 11:05	68390
Aroclor 1254	NELAP	44.0		ND	µg/Kg-dry	1	05/24/2011 11:05	68390
Aroclor 1260	NELAP	44.0		ND	µg/Kg-dry	1	05/24/2011 11:05	68390
Surr: Decachlorobiphenyl		5-156		105.7	%REC	1	05/24/2011 11:05	68390
Surr: Tetrachloro-meta-xylene		7.35-123		78.4	%REC	1	05/24/2011 11:05	68390

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

Acenaphthene	NELAP	0.100		ND	mg/Kg-dry	25	05/24/2011 12:52	68374
Acenaphthylene	NELAP	0.100		ND	mg/Kg-dry	25	05/24/2011 12:52	68374
Anthracene	NELAP	0.100		ND	mg/Kg-dry	25	05/24/2011 12:52	68374
Benzo(a)anthracene	NELAP	0.100		0.186	mg/Kg-dry	25	05/24/2011 12:52	68374
Benzo(a)pyrene	NELAP	0.100		0.176	mg/Kg-dry	25	05/24/2011 12:52	68374
Benzo(b)fluoranthene	NELAP	0.100		0.254	mg/Kg-dry	25	05/24/2011 12:52	68374
Benzo(g,h,i)perylene	NELAP	0.100		0.107	mg/Kg-dry	25	05/24/2011 12:52	68374
Benzo(k)fluoranthene	NELAP	0.100	J	0.098	mg/Kg-dry	25	05/24/2011 12:52	68374
Bis(2-ethylhexyl)phthalate	NELAP	1.96		ND	mg/Kg-dry	25	05/24/2011 12:52	68374
Chrysene	NELAP	0.100		0.176	mg/Kg-dry	25	05/24/2011 12:52	68374
Dibenzo(a,h)anthracene	NELAP	0.100		ND	mg/Kg-dry	25	05/24/2011 12:52	68374
Fluoranthene	NELAP	0.100		0.361	mg/Kg-dry	25	05/24/2011 12:52	68374
Fluorene	NELAP	0.100		ND	mg/Kg-dry	25	05/24/2011 12:52	68374
Indeno(1,2,3-cd)pyrene	NELAP	0.100	J	0.088	mg/Kg-dry	25	05/24/2011 12:52	68374
Naphthalene	NELAP	0.100		ND	mg/Kg-dry	25	05/24/2011 12:52	68374
Phenanthrene	NELAP	0.100		0.147	mg/Kg-dry	25	05/24/2011 12:52	68374
Pyrene	NELAP	0.100		0.342	mg/Kg-dry	25	05/24/2011 12:52	68374
Surr: 2-Fluorobiphenyl		10-131		84.0	%REC	25	05/24/2011 12:52	68374
Surr: Nitrobenzene-d5		10-132		67.0	%REC	25	05/24/2011 12:52	68374
Surr: p-Terphenyl-d14		30.6-131		121.0	%REC	25	05/24/2011 12:52	68374

*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	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
1,2-Dichlorobenzene	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
1,3-Dichlorobenzene	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
1,4-Dichlorobenzene	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
2,4,5-Trichlorophenol	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
2,4,6-Trichlorophenol	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
2,4-Dichlorophenol	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
2,4-Dimethylphenol	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
2,4-Dinitrophenol	NELAP	11.7		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
2,4-Dinitrotoluene	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
2,6-Dinitrotoluene	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
2-Chloronaphthalene	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
2-Chlorophenol	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
2-Methoxy-4-methylphenol		7.62		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
2-Methylnaphthalene	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
2-Nitroaniline	NELAP	11.7		ND	mg/Kg-dry	10	05/24/2011 16:09	68389

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-003

Client Sample ID: P9-borrow #3

Matrix: SOLID

Collection Date: 05/23/2011 14:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Nitrophenol	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
3,3'-Dichlorobenzidine	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
3-Nitroaniline	NELAP	11.7		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
4,6-Dinitro-2-methylphenol	NELAP	11.7		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
4-Bromophenyl phenyl ether	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
4-Chloro-3-methylphenol	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
4-Chloroaniline	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
4-Chlorophenyl phenyl ether	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
4-Nitroaniline	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
4-Nitrophenol	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Aniline	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Azobenzene		4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Benzidine	NELAP	12.4		See note	mg/Kg-dry	10	05/24/2011 16:09	68389
Benzoic acid	NELAP	17.6		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Benzyl alcohol	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Bis(2-chloroethoxy)methane	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Bis(2-chloroethyl)ether	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Bis(2-chloroisopropyl)ether	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Butyl benzyl phthalate	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Carbazole		5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Dibenzofuran	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Diethyl phthalate	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Dimethyl phthalate	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Di-n-butyl phthalate	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Di-n-octyl phthalate	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Hexachlorobenzene	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Hexachlorobutadiene	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Hexachlorocyclopentadiene	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Hexachloroethane	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Isophorone	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
m,p-Cresol	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Nitrobenzene	NELAP	5.86	S	ND	mg/Kg-dry	10	05/24/2011 16:09	68389
N-Nitrosodimethylamine	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
N-Nitroso-di-n-propylamine	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
N-Nitrosodiphenylamine	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
o-Cresol	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Pentachlorophenol	NELAP	23.4		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Phenol	NELAP	4.10		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Pyridine	NELAP	5.86		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
1,2-Diphenylhydrazine		9.85		ND	mg/Kg-dry	10	05/24/2011 16:09	68389
Surr: 2,4,6-Tribromophenol		32.7-130		57.6	%REC	10	05/24/2011 16:09	68389
Surr: 2-Fluorobiphenyl		34.1-116		48.1	%REC	10	05/24/2011 16:09	68389
Surr: 2-Fluorophenol		30.5-99		50.8	%REC	10	05/24/2011 16:09	68389
Surr: Nitrobenzene-d5		34.1-101		49.3	%REC	10	05/24/2011 16:09	68389
Surr: Phenol-d5		34.9-110		52.7	%REC	10	05/24/2011 16:09	68389
Surr: p-Terphenyl-d14		41.7-124		53.7	%REC	10	05/24/2011 16:09	68389

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-003

Client Sample ID: P9-borrow #3

Matrix: SOLID

Collection Date: 05/23/2011 14:40

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**

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

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

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

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

1,1,1,2-Tetrachloroethane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,1,1-Trichloroethane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,1,2,2-Tetrachloroethane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,1,2-Trichloro-1,2,2-trifluoroethane		5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,1,2-Trichloroethane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,1-Dichloro-2-propanone		53.0		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,1-Dichloroethane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,1-Dichloroethene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,1-Dichloropropene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,2,3-Trichlorobenzene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,2,3-Trichloropropane	NELAP	10.6		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,2,3-Trimethylbenzene		5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,2,4-Trichlorobenzene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,2,4-Trimethylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,2-Dibromo-3-chloropropane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,2-Dibromoethane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,2-Dichlorobenzene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,2-Dichloroethane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,2-Dichloropropane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,3,5-Trimethylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,3-Dichlorobenzene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,3-Dichloropropane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1,4-Dichlorobenzene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
1-Chlorobutane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
2,2-Dichloropropane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
2-Butanone	NELAP	53.0		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
2-Chlorotoluene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
2-Hexanone	NELAP	53.0		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
2-Nitropropane	NELAP	53.0		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
4-Chlorotoluene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
4-Methyl-2-pentanone	NELAP	53.0		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Acetone	NELAP	53.0		141	µg/Kg-dry	1	05/24/2011 11:06	68412
Acrolein	NELAP	106		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Acrylonitrile	NELAP	10.6		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Allyl chloride	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Benzene	NELAP	1.1		7.4	µg/Kg-dry	1	05/24/2011 11:06	68412
Bromobenzene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Bromochloromethane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Bromodichloromethane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Bromoform	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Bromomethane	NELAP	10.6		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Carbon disulfide	NELAP	5.3	J	3.9	µg/Kg-dry	1	05/24/2011 11:06	68412
Carbon tetrachloride	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-003

Client Sample ID: P9-borrow #3

Matrix: SOLID

Collection Date: 05/23/2011 14:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Chlorobenzene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Chloroethane	NELAP	10.6		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Chloroform	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Chloromethane	NELAP	10.6		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
cis-1,2-Dichloroethene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
cis-1,3-Dichloropropene	NELAP	4.2		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Cyclohexanone		106		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Dibromochloromethane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Dibromomethane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Dichlorodifluoromethane	NELAP	10.6		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Ethyl acetate	NELAP	53.0		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Ethyl ether	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Ethyl methacrylate	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Ethylbenzene	NELAP	5.3		6.1	µg/Kg-dry	1	05/24/2011 11:06	68412
Heptane		21.2		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Hexachlorobutadiene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Hexachloroethane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Iodomethane	NELAP	10.6		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Isopropylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
m,p-Xylenes	NELAP	5.3		9.5	µg/Kg-dry	1	05/24/2011 11:06	68412
Methacrylonitrile	NELAP	53.0		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Methyl Methacrylate	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Methyl tert-butyl ether	NELAP	2.1		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Methylacrylate		10.6		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Methylene chloride	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Naphthalene	NELAP	10.6	J	5.1	µg/Kg-dry	1	05/24/2011 11:06	68412
n-Butylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
n-Hexane		21.2		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Nitrobenzene	NELAP	106		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
n-Propylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
o-Xylene	NELAP	5.3	J	3.3	µg/Kg-dry	1	05/24/2011 11:06	68412
Pentachloroethane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
p-Isopropyltoluene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Propionitrile	NELAP	53.0		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
sec-Butylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Styrene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
tert-Butylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Tetrachloroethene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Tetrahydrofuran	NELAP	53.0		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Toluene	NELAP	5.3		17.5	µg/Kg-dry	1	05/24/2011 11:06	68412
trans-1,2-Dichloroethene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
trans-1,3-Dichloropropene	NELAP	4.2		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Trichloroethene	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Trichlorofluoromethane	NELAP	5.3		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Vinyl acetate	NELAP	53.0		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Vinyl chloride	NELAP	2.1		ND	µg/Kg-dry	1	05/24/2011 11:06	68412
Surr: 1,2-Dichloroethane-d4		72.2-131		113.1	%REC	1	05/24/2011 11:06	68412

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-003

Client Sample ID: P9-borrow #3

Matrix: SOLID

Collection Date: 05/23/2011 14:40

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		91.3	%REC	1	05/24/2011 11:06	68412
Surr: Dibromofluoromethane		77.7-120		113.2	%REC	1	05/24/2011 11:06	68412
Surr: Toluene-d8		86-116		105.2	%REC	1	05/24/2011 11:06	68412
<i>Surrogate/ and or internal standard recovery was outside QC limits due to matrix interference.</i>								
<b>SW-846 8151A, CHLORINATED HERBICIDES BY GC/EC</b>								
2,4,5-T	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 19:20	R150116
2,4,5-TP (Silvex)	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 19:20	R150116
2,4-D	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 19:20	R150116
2,4-DB	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 19:20	R150116
3,5-Dichlorobenzoic Acid	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 19:20	R150116
Acifluorfen	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 19:20	R150116
Bentazon	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 19:20	R150116
Chloramben	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 19:20	R150116
Dalapon	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 19:20	R150116
DCPA	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 19:20	R150116
Dicamba	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 19:20	R150116
Dichlorprop	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 19:20	R150116
Dinoseb	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 19:20	R150116
Pentachlorophenol	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 19:20	R150116
Picloram	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 19:20	R150116
Surr: DCAA		24-140		85.3	%REC	1	05/26/2011 19:20	R150116

*The spike recovery for the LCS exceeded established acceptance limits for Chloramben. However, all samples were below the reporting and/or regulatory limit so the data is acceptable.*

*The blank spike recovery and/or blank spike recovery duplicate for Pentachlorophenol was outside the established acceptance limits. Batch accepted based on acceptable MS/MSD/RPD results.*

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-004

Client Sample ID: P9-Top soil fuetz

Matrix: SOLID

Collection Date: 05/23/2011 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		16.2	%	1	05/23/2011 16:00	R149818
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		83.8	%	1	05/23/2011 16:00	R149791
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.597		< 0.597	mg/Kg-dry	1	05/24/2011 8:46	R149815
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.60		< 0.60	mg/Kg-dry	1	05/24/2011 8:46	R149815
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.27		7.12	mg/Kg-dry	1	05/24/2011 13:50	68384
Barium	NELAP	0.45		161	mg/Kg-dry	1	05/24/2011 13:50	68384
Cadmium	NELAP	0.18	J	0.17	mg/Kg-dry	1	05/24/2011 13:50	68384
Chromium	NELAP	0.91		20.3	mg/Kg-dry	1	05/24/2011 13:50	68384
Lead	NELAP	3.64		21.6	mg/Kg-dry	1	05/24/2011 13:50	68384
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	05/24/2011 17:27	68384
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.577	J	0.37	mg/Kg-dry	1	05/24/2011 13:05	68382
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012		0.026	mg/Kg-dry	1	05/24/2011 0:00	68396
<b>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</b>								
4,4'-DDD	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
4,4'-DDE	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
4,4'-DDT	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
Alachlor	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
Aldrin	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
alpha-BHC	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
alpha-Chlordane	NELAP	1.99		2.11	µg/Kg-dry	1	05/24/2011 21:53	68390
beta-BHC	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
Chlordane	NELAP	3.98		6.71	µg/Kg-dry	1	05/24/2011 21:53	68390
delta-BHC	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
Dieldrin	NELAP	1.99		6.42	µg/Kg-dry	1	05/24/2011 21:53	68390
Endosulfan I	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
Endosulfan II	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
Endosulfan sulfate	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
Endrin	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
Endrin aldehyde	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
Endrin ketone	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
gamma-BHC	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
gamma-Chlordane	NELAP	1.99		4.60	µg/Kg-dry	1	05/24/2011 21:53	68390
Heptachlor	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
Heptachlor epoxide	NELAP	1.99		12.8	µg/Kg-dry	1	05/24/2011 21:53	68390
Methoxychlor	NELAP	1.99		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
Toxaphene	NELAP	35.7		ND	µg/Kg-dry	1	05/24/2011 21:53	68390
Surr: Decachlorobiphenyl		48-149		79.1	%REC	1	05/24/2011 21:53	68390
Surr: Tetrachloro-m-xylene		19-145		94.9	%REC	1	05/24/2011 21:53	68390
<b>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</b>								
Aroclor 1016	NELAP	44.7		ND	µg/Kg-dry	1	05/24/2011 11:24	68390

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-004

Client Sample ID: P9-Top soil fuetz

Matrix: SOLID

Collection Date: 05/23/2011 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</b>								
Aroclor 1221	NELAP	44.7		ND	µg/Kg-dry	1	05/24/2011 11:24	68390
Aroclor 1232	NELAP	44.7		ND	µg/Kg-dry	1	05/24/2011 11:24	68390
Aroclor 1242	NELAP	44.7		ND	µg/Kg-dry	1	05/24/2011 11:24	68390
Aroclor 1248	NELAP	44.7		ND	µg/Kg-dry	1	05/24/2011 11:24	68390
Aroclor 1254	NELAP	44.7		ND	µg/Kg-dry	1	05/24/2011 11:24	68390
Aroclor 1260	NELAP	44.7		ND	µg/Kg-dry	1	05/24/2011 11:24	68390
Surr: Decachlorobiphenyl		5-156		116.1	%REC	1	05/24/2011 11:24	68390
Surr: Tetrachloro-meta-xylene		7.35-123		72.3	%REC	1	05/24/2011 11:24	68390
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 10:30	68374
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 10:30	68374
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 10:30	68374
Benzo(a)anthracene	NELAP	0.004	J	0.004	mg/Kg-dry	1	05/24/2011 10:30	68374
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 10:30	68374
Benzo(b)fluoranthene	NELAP	0.004		0.004	mg/Kg-dry	1	05/24/2011 10:30	68374
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 10:30	68374
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 10:30	68374
Bis(2-ethylhexyl)phthalate	NELAP	0.080		ND	mg/Kg-dry	1	05/24/2011 10:30	68374
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 10:30	68374
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 10:30	68374
Fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	05/24/2011 10:30	68374
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 10:30	68374
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 10:30	68374
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 10:30	68374
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	05/24/2011 10:30	68374
Pyrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	05/24/2011 10:30	68374
Surr: 2-Fluorobiphenyl		10-131		78.1	%REC	1	05/24/2011 10:30	68374
Surr: Nitrobenzene-d5		10-132		73.0	%REC	1	05/24/2011 10:30	68374
Surr: p-Terphenyl-d14		30.6-131		124.0	%REC	1	05/24/2011 10:30	68374
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
1,2-Dichlorobenzene	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
1,3-Dichlorobenzene	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
1,4-Dichlorobenzene	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
2,4,5-Trichlorophenol	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
2,4,6-Trichlorophenol	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
2,4-Dichlorophenol	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
2,4-Dimethylphenol	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
2,4-Dinitrophenol	NELAP	1.19		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
2,4-Dinitrotoluene	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
2,6-Dinitrotoluene	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
2-Chloronaphthalene	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
2-Chlorophenol	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
2-Methoxy-4-methylphenol		0.776		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
2-Methylnaphthalene	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
2-Nitroaniline	NELAP	1.19		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
2-Nitrophenol	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-004

Client Sample ID: P9-Top soil fuetz

Matrix: SOLID

Collection Date: 05/23/2011 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
3,3'-Dichlorobenzidine	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
3-Nitroaniline	NELAP	1.19		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
4,6-Dinitro-2-methylphenol	NELAP	1.19		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
4-Bromophenyl phenyl ether	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
4-Chloro-3-methylphenol	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
4-Chloroaniline	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
4-Chlorophenyl phenyl ether	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
4-Nitroaniline	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
4-Nitrophenol	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Aniline	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Azobenzene		0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Benzidine	NELAP	1.26		See note	mg/Kg-dry	1	05/24/2011 13:29	68389
Benzoic acid	NELAP	1.79		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Benzyl alcohol	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Bis(2-chloroethoxy)methane	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Bis(2-chloroethyl)ether	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Bis(2-chloroisopropyl)ether	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Butyl benzyl phthalate	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Carbazole		0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Dibenzofuran	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Diethyl phthalate	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Dimethyl phthalate	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Di-n-butyl phthalate	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Di-n-octyl phthalate	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Hexachlorobenzene	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Hexachlorobutadiene	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Hexachlorocyclopentadiene	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Hexachloroethane	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Isophorone	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
m,p-Cresol	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Nitrobenzene	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
N-Nitrosodimethylamine	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
N-Nitroso-di-n-propylamine	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
N-Nitrosodiphenylamine	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
o-Cresol	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Pentachlorophenol	NELAP	2.39		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Phenol	NELAP	0.418		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Pyridine	NELAP	0.597		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
1,2-Diphenylhydrazine		1.00		ND	mg/Kg-dry	1	05/24/2011 13:29	68389
Surr: 2,4,6-Tribromophenol		32.7-130		87.0	%REC	1	05/24/2011 13:29	68389
Surr: 2-Fluorobiphenyl		34.1-116		65.5	%REC	1	05/24/2011 13:29	68389
Surr: 2-Fluorophenol		30.5-99		68.3	%REC	1	05/24/2011 13:29	68389
Surr: Nitrobenzene-d5		34.1-101		60.7	%REC	1	05/24/2011 13:29	68389
Surr: Phenol-d5		34.9-110		69.3	%REC	1	05/24/2011 13:29	68389
Surr: p-Terphenyl-d14		41.7-124		73.6	%REC	1	05/24/2011 13:29	68389

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



Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-004

Client Sample ID: P9-Top soil fuetz

Matrix: SOLID

Collection Date: 05/23/2011 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,1,1-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,1,2,2-Tetrachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,1,2-Trichloro-1,2,2-trifluoroethane		4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,1,2-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,1-Dichloro-2-propanone		44.1		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,1-Dichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,1-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,1-Dichloropropene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,2,3-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,2,3-Trichloropropane	NELAP	8.8		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,2,3-Trimethylbenzene		4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,2,4-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,2,4-Trimethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,2-Dibromo-3-chloropropane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,2-Dibromoethane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,2-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,2-Dichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,3,5-Trimethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,3-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,3-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1,4-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
1-Chlorobutane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
2,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
2-Butanone	NELAP	44.1		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
2-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
2-Hexanone	NELAP	44.1		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
2-Nitropropane	NELAP	44.1		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
4-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
4-Methyl-2-pentanone	NELAP	44.1		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Acetone	NELAP	44.1		53.4	µg/Kg-dry	1	05/24/2011 11:36	68412
Acrolein	NELAP	88.2		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Acrylonitrile	NELAP	8.8		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Allyl chloride	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Benzene	NELAP	0.9		1.2	µg/Kg-dry	1	05/24/2011 11:36	68412
Bromobenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Bromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Bromodichloromethane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Bromoform	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Bromomethane	NELAP	8.8		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Carbon disulfide	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Carbon tetrachloride	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Chlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Chloroethane	NELAP	8.8		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Chloroform	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Chloromethane	NELAP	8.8		ND	µg/Kg-dry	1	05/24/2011 11:36	68412

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

Lab ID: 11051087-004

Client Sample ID: P9-Top soil fuetz

Matrix: SOLID

Collection Date: 05/23/2011 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
cis-1,2-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
cis-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Cyclohexanone		88.2		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Dibromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Dibromomethane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Dichlorodifluoromethane	NELAP	8.8		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Ethyl acetate	NELAP	44.1		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Ethyl ether	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Ethyl methacrylate	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Ethylbenzene	NELAP	4.4	J	1.0	µg/Kg-dry	1	05/24/2011 11:36	68412
Heptane		17.6		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Hexachlorobutadiene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Hexachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Iodomethane	NELAP	8.8		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Isopropylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
m,p-Xylenes	NELAP	4.4	J	2.1	µg/Kg-dry	1	05/24/2011 11:36	68412
Methacrylonitrile	NELAP	44.1		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Methyl Methacrylate	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Methyl tert-butyl ether	NELAP	1.8		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Methylacrylate		8.8		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Methylene chloride	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Naphthalene	NELAP	8.8		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
n-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
n-Hexane		17.6	J	3.4	µg/Kg-dry	1	05/24/2011 11:36	68412
Nitrobenzene	NELAP	88.2		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
n-Propylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
o-Xylene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Pentachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
p-Isopropyltoluene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Propionitrile	NELAP	44.1		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
sec-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Styrene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
tert-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Tetrachloroethene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Tetrahydrofuran	NELAP	44.1		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Toluene	NELAP	4.4	J	3.0	µg/Kg-dry	1	05/24/2011 11:36	68412
trans-1,2-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
trans-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Trichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Trichlorofluoromethane	NELAP	4.4		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Vinyl acetate	NELAP	44.1		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Vinyl chloride	NELAP	1.8		ND	µg/Kg-dry	1	05/24/2011 11:36	68412
Surr: 1,2-Dichloroethane-d4		72.2-131		110.4	%REC	1	05/24/2011 11:36	68412
Surr: 4-Bromofluorobenzene		82.1-116		93.6	%REC	1	05/24/2011 11:36	68412
Surr: Dibromofluoromethane		77.7-120		111.7	%REC	1	05/24/2011 11:36	68412
Surr: Toluene-d8		86-116		105.7	%REC	1	05/24/2011 11:36	68412

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

**Report Date:** 01-Jun-11

**Lab ID:** 11051087-004

**Client Sample ID:** P9-Top soil fuetz

**Matrix:** SOLID

**Collection Date:** 05/23/2011 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</b>								
2,4,5-T	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 20:08	R150116
2,4,5-TP (Silvex)	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 20:08	R150116
2,4-D	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 20:08	R150116
2,4-DB	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 20:08	R150116
3,5-Dichlorobenzoic Acid	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 20:08	R150116
Acifluorfen	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 20:08	R150116
Bentazon	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 20:08	R150116
Chloramben	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 20:08	R150116
Dalapon	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 20:08	R150116
DCPA	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 20:08	R150116
Dicamba	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 20:08	R150116
Dichlorprop	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 20:08	R150116
Dinoseb	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 20:08	R150116
Pentachlorophenol	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 20:08	R150116
Picloram	NELAP	0.05		ND	mg/Kg-dry	1	05/26/2011 20:08	R150116
Surr: DCAA		24-140		94.7	%REC	1	05/26/2011 20:08	R150116

The spike recovery for the LCS exceeded established acceptance limits for Chloramben. However, all samples were below the reporting and/or regulatory limit so the data is acceptable.

The blank spike recovery and/or blank spike recovery duplicate for Pentachlorophenol was outside the established acceptance limits. Batch accepted based on acceptable MS/MSD/RPD results.



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

**Report Date:** 01-Jun-11

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11051087-001	P9-borrow #1	Solid	6	05/23/2011 14:15
11051087-002	P9-borrow #2	Solid	6	05/23/2011 14:30
11051087-003	P9-borrow #3	Solid	6	05/23/2011 14:40
11051087-004	P9-Top soil fuetz	Solid	6	05/23/2011 14:50



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

**Report Date:** 01-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	
			Prep Date/Time	Analysis Date/Time
Test Name				
11051087-001A	P9-borrow #1	05/23/2011 14:15	5/23/2011 3:10:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/24/2011 8:29	05/24/2011 13:18
	SW-846 3050B, Metals by GFAA		05/24/2011 8:35	05/24/2011 12:41
	SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD		05/23/2011 19:49	05/24/2011 19:26
	SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD		05/23/2011 19:49	05/24/2011 9:48
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 19:43	05/24/2011 9:54
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 19:47	05/24/2011 14:01
	SW-846 7471A		05/24/2011 7:50	05/24/2011 0:00
11051087-001B	P9-borrow #1	05/23/2011 14:15	5/23/2011 3:10:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/23/2011 16:00
	Standard Methods 18th Ed. 2540 G			05/23/2011 16:00
	SW-846 9012A			05/24/2011 8:46
	SW-846 9012A (Total)			05/24/2011 8:46
11051087-001C	P9-borrow #1	05/23/2011 14:15	5/23/2011 3:10:00 PM	
	SW-846 8151A, Chlorinated Herbicides by GC/ECD			05/26/2011 17:46
11051087-001F	P9-borrow #1	05/23/2011 14:15	5/23/2011 3:10:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/24/2011 10:07
11051087-002A	P9-borrow #2	05/23/2011 14:30	5/23/2011 3:10:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/24/2011 8:29	05/24/2011 13:40
	SW-846 3050B, 6010B, Metals by ICP		05/24/2011 8:29	05/24/2011 17:21
	SW-846 3050B, Metals by GFAA		05/24/2011 8:35	05/24/2011 12:45
	SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD		05/23/2011 19:49	05/24/2011 20:39
	SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD		05/23/2011 19:49	05/24/2011 10:07
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 19:43	05/24/2011 13:28
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 19:47	05/24/2011 16:42
	SW-846 7471A		05/24/2011 7:50	05/24/2011 0:00
11051087-002B	P9-borrow #2	05/23/2011 14:30	5/23/2011 3:10:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/23/2011 16:00
	Standard Methods 18th Ed. 2540 G			05/23/2011 16:00
	SW-846 9012A			05/24/2011 8:46
	SW-846 9012A (Total)			05/24/2011 8:46
11051087-002C	P9-borrow #2	05/23/2011 14:30	5/23/2011 3:10:00 PM	
	SW-846 8151A, Chlorinated Herbicides by GC/ECD			05/26/2011 18:33
11051087-002F	P9-borrow #2	05/23/2011 14:30	5/23/2011 3:10:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/24/2011 10:36
11051087-003A	P9-borrow #3	05/23/2011 14:40	5/23/2011 3:10:00 PM	



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

**Report Date:** 01-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
	SW-846 3050B, 6010B, Metals by ICP		05/24/2011 8:29	05/24/2011 13:45
	SW-846 3050B, Metals by GFAA		05/24/2011 8:35	05/24/2011 13:08
	SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD		05/23/2011 19:49	05/24/2011 21:04
	SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD		05/23/2011 19:49	05/24/2011 11:05
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 19:43	05/24/2011 12:52
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 19:47	05/24/2011 16:09
	SW-846 7471A		05/24/2011 7:50	05/24/2011 0:00
11051087-003B	P9-borrow #3	05/23/2011 14:40	5/23/2011 3:10:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/23/2011 16:00
	Standard Methods 18th Ed. 2540 G			05/23/2011 16:00
	SW-846 9012A			05/24/2011 8:46
	SW-846 9012A (Total)			05/24/2011 8:46
11051087-003C	P9-borrow #3	05/23/2011 14:40	5/23/2011 3:10:00 PM	
	SW-846 8151A, Chlorinated Herbicides by GC/ECD			05/26/2011 19:20
11051087-003F	P9-borrow #3	05/23/2011 14:40	5/23/2011 3:10:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/24/2011 11:06
11051087-004A	P9-Top soil fuetz	05/23/2011 14:50	5/23/2011 3:10:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/24/2011 8:29	05/24/2011 13:50
	SW-846 3050B, 6010B, Metals by ICP		05/24/2011 8:29	05/24/2011 17:27
	SW-846 3050B, Metals by GFAA		05/24/2011 8:35	05/24/2011 13:05
	SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD		05/23/2011 19:49	05/24/2011 21:53
	SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD		05/23/2011 19:49	05/24/2011 11:24
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 19:43	05/24/2011 10:30
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 19:47	05/24/2011 13:29
	SW-846 7471A		05/24/2011 7:50	05/24/2011 0:00
11051087-004B	P9-Top soil fuetz	05/23/2011 14:50	5/23/2011 3:10:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/23/2011 16:00
	Standard Methods 18th Ed. 2540 G			05/23/2011 16:00
	SW-846 9012A			05/24/2011 8:46
	SW-846 9012A (Total)			05/24/2011 8:46
11051087-004C	P9-Top soil fuetz	05/23/2011 14:50	5/23/2011 3:10:00 PM	
	SW-846 8151A, Chlorinated Herbicides by GC/ECD			05/26/2011 20:08
11051087-004F	P9-Top soil fuetz	05/23/2011 14:50	5/23/2011 3:10:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/24/2011 11:36



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

**Report Date:** 01-Jun-11

### STANDARD METHODS 18TH ED. 2540 G

Batch R149791		SampType: LCS		Units %						
SampID: LCS-R149791										
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	05/23/2011	

Batch R149791		SampType: LCSQC		Units %						
SampID: LCSQC-R149791										
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	05/23/2011	

Batch R149791		SampType: DUP		Units %		RPD Limit 15				
SampID: 11051087-004BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Solids	0.1		83.3				83.76	0.51	05/23/2011	

### SW-846 9012A (TOTAL)

Batch R149815		SampType: MBLK		Units mg/Kg						
SampID: MB-R149815										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		< 0.01						05/24/2011	

Batch R149815		SampType: LCS		Units mg/Kg						
SampID: LCS-R149815										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		0.03	0.02	0	106.5	85	115	05/24/2011	

Batch R149815		SampType: MS		Units mg/Kg-dry						
SampID: 11051087-001BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.56		1.43	1.37	0	104.4	75	125	05/24/2011	

Batch R149815		SampType: MSD		Units mg/Kg-dry		RPD Limit 15				
SampID: 11051087-001BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide	0.55		1.57	1.37	0	114.6	1.434	9.31	05/24/2011	

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

Batch 68384		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-68384										
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	05/24/2011	
Barium	0.50		< 0.50	0.50	0	0	-100	100	05/24/2011	
Cadmium	0.20		< 0.20	0.20	0	0	-100	100	05/24/2011	
Chromium	1.00		< 1.00	1.00	0	0	-100	100	05/24/2011	
Lead	4.00		< 4.00	4.00	0	0	-100	100	05/24/2011	
Silver	0.55		< 0.55	0.55	0	0	-100	100	05/24/2011	

**Client:** PSC Industrial Outsourcing, LP

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

**Report Date:** 01-Jun-11

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

Batch 68384		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-68384										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Silver	0.55		< 0.55	0.55	0	0	-100	100	05/24/2011	

**Batch 68384 SampType: LCS Units mg/Kg-dry**

SampID: LCS-68384										
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	05/24/2011	
Barium	0.50		199	200	0	99.4	85	115	05/24/2011	
Cadmium	0.20		5.05	5.00	0	101.0	85	115	05/24/2011	
Chromium	1.00		21.1	20.0	0	105.4	85	115	05/24/2011	
Lead	4.00		51.1	50.0	0	102.2	85	115	05/24/2011	
Silver	0.55		4.70	5.00	0	94.0	85	115	05/24/2011	
Silver	0.55		4.64	5.00	0	92.8	85	115	05/24/2011	

**Batch 68384 SampType: MS Units mg/Kg-dry**

SampID: 11051087-004AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	2.27		184	182	7.118	97.3	75	125	05/24/2011	
Barium	0.45		335	182	160.6	96.0	75	125	05/24/2011	
Cadmium	0.18		4.65	4.54	0.1727	98.4	75	125	05/24/2011	
Chromium	0.91		41.0	18.2	20.29	113.8	75	125	05/24/2011	
Lead	3.64		66.6	45.4	21.60	99.0	75	125	05/24/2011	
Silver	0.50		4.18	4.54	0	92.0	75	125	05/24/2011	

**Batch 68384 SampType: MSD Units mg/Kg-dry**

SampID: 11051087-004AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Limit 20		Date Analyzed	
							RPD Ref Val	%RPD		
Arsenic	2.27		185	182	7.118	97.7	184.1	0.39	05/24/2011	
Barium	0.45		352	182	160.6	105.0	335.1	4.79	05/24/2011	
Cadmium	0.18		4.67	4.54	0.1727	99.0	4.645	0.59	05/24/2011	
Chromium	0.91		39.5	18.2	20.29	105.6	40.97	3.68	05/24/2011	
Lead	3.64		69.9	45.4	21.60	106.3	66.58	4.88	05/24/2011	
Silver	0.50		4.23	4.54	0	93.0	4.182	1.08	05/24/2011	

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

Batch 68382		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-68382										
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	05/24/2011	

**Batch 68382 SampType: LCS Units mg/Kg-dry**

SampID: LCS-68382										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium	7740	0.600	3.08	3.00	0	102.8	80	120	05/24/2011	



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

Batch 68382		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	1.20	2.65	3.00	0	88.4	70	130	05/24/2011	

Batch 68382		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	1.20	2.49	3.00	0	82.8	2.653	6.51	05/24/2011	

**SW-846 7471A**

Batch 68396		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	05/24/2011	

Batch 68396		SampType: LCS		Units mg/Kg						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.010		0.281	0.250	0	112.4	85	115	05/24/2011	

Batch 68396		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.011		0.328	0.268	0.02895	111.6	75	125	05/24/2011	

Batch 68396		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		0.339	0.268	0.02895	115.6	0.3281	3.22	05/24/2011	

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

Batch 68390		SampType: MBLK		Units µg/Kg						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
4,4'-DDD	1.67		ND						05/24/2011	
4,4'-DDE	1.67		ND						05/24/2011	
4,4'-DDT	1.67		ND						05/24/2011	
Alachlor	1.67		ND						05/24/2011	
Aldrin	1.67		ND						05/24/2011	
alpha-BHC	1.67		ND						05/24/2011	
alpha-Chlordane	1.67		ND						05/24/2011	
beta-BHC	1.67		ND						05/24/2011	
Chlordane	3.34		ND						05/24/2011	
delta-BHC	1.67		ND						05/24/2011	
Dieldrin	1.67		ND						05/24/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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Report Date: 01-Jun-11

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

Batch 68390		SampType: MBLK		Units µg/Kg						
SampID: MB-68390										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Endosulfan I	1.67		ND						05/24/2011	
Endosulfan II	1.67		ND						05/24/2011	
Endosulfan sulfate	1.67		ND						05/24/2011	
Endrin	1.67		ND						05/24/2011	
Endrin aldehyde	1.67		ND						05/24/2011	
Endrin ketone	1.67		ND						05/24/2011	
gamma-BHC	1.67		ND						05/24/2011	
gamma-Chlordane	1.67		ND						05/24/2011	
Heptachlor	1.67		ND						05/24/2011	
Heptachlor epoxide	1.67		ND						05/24/2011	
Methoxychlor	1.67		ND						05/24/2011	
Toxaphene	30.0		ND						05/24/2011	
Surr: Decachlorobiphenyl			8.16	8.33		97.9	73.5	150	05/24/2011	
Surr: Tetrachloro-m-xylene			7.88	8.33		94.6	14.4	113	05/24/2011	

Batch 68390		SampType: LCS		Units µg/Kg						
SampID: LCSPST-68390										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
4,4'-DDD	1.67		7.28	8.33	0	87.3	36	208	05/24/2011	
4,4'-DDE	1.67		7.45	8.33	0	89.4	26	191	05/24/2011	
4,4'-DDT	1.67		11.4	8.33	0	136.3	3	215	05/24/2011	
Alachlor	1.67		7.90	8.33	0	94.8	30	170	05/24/2011	
Aldrin	1.67		6.62	8.33	0	79.5	46	173	05/24/2011	
alpha-BHC	1.67		6.28	8.33	0	75.4	37	179	05/24/2011	
alpha-Chlordane	1.67		6.97	8.33	0	83.7	38	187	05/24/2011	
beta-BHC	1.67		8.32	8.33	0	99.9	51	185	05/24/2011	
delta-BHC	1.67		8.36	8.33	0	100.3	46	166	05/24/2011	
Dieldrin	1.67		7.21	8.33	0	86.6	26	216	05/24/2011	
Endosulfan I	1.67		7.31	8.33	0	87.7	31	205	05/24/2011	
Endosulfan II	1.67		7.91	8.33	0	94.9	42	187	05/24/2011	
Endosulfan sulfate	1.67		8.36	8.33	0	100.4	29	230	05/24/2011	
Endrin	1.67		7.59	8.33	0	91.1	30	215	05/24/2011	
Endrin aldehyde	1.67		7.17	8.33	0	86.0	42	202	05/24/2011	
Endrin ketone	1.67		8.55	8.33	0	102.6	19	244	05/24/2011	
gamma-BHC	1.67		6.98	8.33	0	83.8	55	166	05/24/2011	
gamma-Chlordane	1.67		7.33	8.33	0	87.9	23	186	05/24/2011	
Heptachlor	1.67		6.71	8.33	0	80.5	43	172	05/24/2011	
Heptachlor epoxide	1.67		7.06	8.33	0	84.7	39	204	05/24/2011	
Methoxychlor	1.67		9.74	8.33	0	116.9	3	221	05/24/2011	
Surr: Decachlorobiphenyl			7.98	8.33		95.9	50.4	176	05/24/2011	
Surr: Tetrachloro-m-xylene			7.42	8.33		89.1	10	107	05/24/2011	

Batch 68390		SampType: MS		Units µg/Kg-dry						
SampID: 11051087-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
4,4'-DDD	1.83		6.47	9.14	0	70.7	36	208	05/24/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

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

Batch 68390		SampType: MS		Units µg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11051087-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
4,4'-DDE	1.83		6.48	9.14	0	70.8	26	191	05/24/2011	
4,4'-DDT	1.83		10.4	9.14	0	113.2	3	215	05/24/2011	
Alachlor	1.83		8.69	9.14	0	95.0	30	170	05/24/2011	
Aldrin	1.83		7.34	9.14	0	80.2	46	173	05/24/2011	
alpha-BHC	1.83		7.02	9.14	0	76.8	37	179	05/24/2011	
alpha-Chlordane	1.83		11.0	9.14	4.138	75.0	38	187	05/24/2011	
beta-BHC	1.83		10.1	9.14	0	110.3	51	185	05/24/2011	
delta-BHC	1.83		8.80	9.14	0	96.2	46	166	05/24/2011	
Dieldrin	1.83		7.63	9.14	0	83.5	26	216	05/24/2011	
Endosulfan I	1.83		8.19	9.14	0	89.6	31	205	05/24/2011	
Endosulfan II	1.83		6.82	9.14	0	74.5	42	187	05/24/2011	
Endosulfan sulfate	1.83		7.48	9.14	0	81.8	29	230	05/24/2011	
Endrin	1.83		7.35	9.14	0	80.4	30	215	05/24/2011	
Endrin aldehyde	1.83		6.67	9.14	0	72.9	42	202	05/24/2011	
Endrin ketone	1.83		8.57	9.14	0	93.7	19	244	05/24/2011	
gamma-BHC	1.83		7.61	9.14	0	83.2	55	166	05/24/2011	
gamma-Chlordane	1.83		11.7	9.14	4.442	79.9	23	186	05/24/2011	
Heptachlor	1.83		7.50	9.14	0	82.0	43	172	05/24/2011	
Heptachlor epoxide	1.83		6.54	9.14	0	71.5	39	204	05/24/2011	
Methoxychlor	1.83		9.77	9.14	0	106.8	3	221	05/24/2011	
Surr: Decachlorobiphenyl			7.34	9.14		80.3	48	149	05/24/2011	
Surr: Tetrachloro-m-xylene			7.61	9.14		83.2	19	145	05/24/2011	

Batch 68390		SampType: MSD		Units µg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11051087-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
4,4'-DDD	1.82		7.47	9.09	0	82.2	6.469	14.35	05/24/2011	
4,4'-DDE	1.82		7.15	9.09	0	78.6	6.478	9.82	05/24/2011	
4,4'-DDT	1.82		10.8	9.09	0	118.7	10.36	4.11	05/24/2011	
Alachlor	1.82		8.87	9.09	0	97.6	8.691	2.10	05/24/2011	
Aldrin	1.82		7.79	9.09	0	85.7	7.337	6.05	05/24/2011	
alpha-BHC	1.82		7.12	9.09	0	78.3	7.023	1.38	05/24/2011	
alpha-Chlordane	1.82		12.1	9.09	4.138	87.1	11.00	9.16	05/24/2011	
beta-BHC	1.82		7.88	9.09	0	86.6	10.09	24.60	05/24/2011	
delta-BHC	1.82		8.42	9.09	0	92.6	8.797	4.37	05/24/2011	
Dieldrin	1.82		7.77	9.09	0	85.5	7.632	1.83	05/24/2011	
Endosulfan I	1.82		8.97	9.09	0	98.6	8.192	9.04	05/24/2011	
Endosulfan II	1.82		7.68	9.09	0	84.4	6.815	11.88	05/24/2011	
Endosulfan sulfate	1.82		8.07	9.09	0	88.8	7.480	7.60	05/24/2011	
Endrin	1.82		8.47	9.09	0	93.2	7.350	14.20	05/24/2011	
Endrin aldehyde	1.82		7.27	9.09	0	80.0	6.667	8.71	05/24/2011	
Endrin ketone	1.82		9.37	9.09	0	103.1	8.569	8.94	05/24/2011	
gamma-BHC	1.82		8.30	9.09	0	91.3	7.607	8.71	05/24/2011	
gamma-Chlordane	1.82		13.5	9.09	4.442	99.6	11.75	13.86	05/24/2011	
Heptachlor	1.82		7.09	9.09	0	78.0	7.503	5.70	05/24/2011	
Heptachlor epoxide	1.82		7.12	9.09	0	78.3	6.539	8.45	05/24/2011	
Methoxychlor	1.82		10.2	9.09	0	112.1	9.771	4.24	05/24/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

Batch 68390		SampType: MSD		Units µg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11051087-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Surr: Decachlorobiphenyl			7.88	9.09		86.7			05/24/2011	
Surr: Tetrachloro-m-xylene			7.78	9.09		85.6			05/24/2011	

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

Batch 68390		SampType: MBLK		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: MB-68390										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aroclor 1016	37.5		ND						05/24/2011	
Aroclor 1221	37.5		ND						05/24/2011	
Aroclor 1232	37.5		ND						05/24/2011	
Aroclor 1242	37.5		ND						05/24/2011	
Aroclor 1248	37.5		ND						05/24/2011	
Aroclor 1254	37.5		ND						05/24/2011	
Aroclor 1260	37.5		ND						05/24/2011	
Surr: Decachlorobiphenyl			10.6	8.3		127.8	86.4	159	05/24/2011	
Surr: Tetrachloro-meta-xylene			6.1	8.3		74.1	31.6	114	05/24/2011	

Batch 68390		SampType: LCS		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSPCB-68390										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aroclor 1016	37.5		141	167	0	84.7	54.9	121	05/24/2011	
Aroclor 1260	37.5		136	167	0	81.8	65.5	133	05/24/2011	
Surr: Decachlorobiphenyl			10.7	8.3		129.0	86.4	159	05/24/2011	
Surr: Tetrachloro-meta-xylene			5.9	8.3		70.8	31.6	114	05/24/2011	

Batch 68390		SampType: MS		Units µg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11051087-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aroclor 1016	39.9		137	177	0	77.2	35.8	143	05/24/2011	
Aroclor 1260	39.9		117	177	0	65.9	22.3	152	05/24/2011	
Surr: Decachlorobiphenyl			8.8	8.8		100.1	5	156	05/24/2011	
Surr: Tetrachloro-meta-xylene			6.9	8.8		77.7	7.35	123	05/24/2011	

Batch 68390		SampType: MSD		Units µg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11051087-002AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Aroclor 1016	39.9		131	177	0	73.9	136.8	4.38	05/24/2011	
Aroclor 1260	39.9		114	177	0	64.5	116.7	2.18	05/24/2011	
Surr: Decachlorobiphenyl			9.0	8.8		101.9			05/24/2011	
Surr: Tetrachloro-meta-xylene			6.7	8.8		76.3			05/24/2011	

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

**Report Date:** 01-Jun-11

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

Batch 68374		SampType: MBLK		Units mg/Kg						
SampID: MB-68374										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		ND						05/23/2011	
Acenaphthylene	0.003		ND						05/23/2011	
Anthracene	0.003		ND						05/23/2011	
Benzo(a)anthracene	0.003		ND						05/23/2011	
Benzo(a)pyrene	0.003		ND						05/23/2011	
Benzo(b)fluoranthene	0.003		ND						05/23/2011	
Benzo(g,h,i)perylene	0.003		ND						05/23/2011	
Benzo(k)fluoranthene	0.003		ND						05/23/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						05/23/2011	
Chrysene	0.003		ND						05/23/2011	
Dibenzo(a,h)anthracene	0.003		ND						05/23/2011	
Fluoranthene	0.003		ND						05/23/2011	
Fluorene	0.003		ND						05/23/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						05/23/2011	
Naphthalene	0.003		ND						05/23/2011	
Phenanthrene	0.003		ND						05/23/2011	
Pyrene	0.003		ND						05/23/2011	
Surr: 2-Fluorobiphenyl			0.117	0.167		70.1	45.7	89.2	05/23/2011	
Surr: Nitrobenzene-d5			0.135	0.167		80.8	31.4	100	05/23/2011	
Surr: p-Terphenyl-d14			0.174	0.167		104.0	53.3	124	05/23/2011	

Batch 68374		SampType: LCS		Units mg/Kg						
SampID: LCS-68374										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		0.126	0.167	0	75.4	56.3	115	05/23/2011	
Acenaphthylene	0.003		0.122	0.167	0	72.9	60.3	143	05/23/2011	
Anthracene	0.003		0.120	0.167	0	72.1	52.1	109	05/23/2011	
Benzo(a)anthracene	0.003		0.119	0.167	0	71.5	52.8	112	05/23/2011	
Benzo(a)pyrene	0.003		0.124	0.167	0	74.1	40.8	127	05/23/2011	
Benzo(b)fluoranthene	0.003		0.134	0.167	0	80.0	50.1	150	05/23/2011	
Benzo(g,h,i)perylene	0.003		0.132	0.167	0	79.2	52.8	145	05/23/2011	
Benzo(k)fluoranthene	0.003		0.131	0.167	0	78.6	52	153	05/23/2011	
Bis(2-ethylhexyl)phthalate	0.067		0.156	0.167	0	93.2	50	150	05/23/2011	
Chrysene	0.003		0.128	0.167	0	76.6	60.8	128	05/23/2011	
Dibenzo(a,h)anthracene	0.003		0.136	0.167	0	81.6	54.9	150	05/23/2011	
Fluoranthene	0.003		0.128	0.167	0	76.6	58.7	125	05/23/2011	
Fluorene	0.003		0.120	0.167	0	72.1	57.8	125	05/23/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.136	0.167	0	81.2	52	147	05/23/2011	
Naphthalene	0.003		0.118	0.167	0	70.7	54.8	113	05/23/2011	
Phenanthrene	0.003		0.119	0.167	0	71.3	60.4	121	05/23/2011	
Pyrene	0.003		0.128	0.167	0	76.8	57.9	129	05/23/2011	
Surr: 2-Fluorobiphenyl			0.107	0.167		64.1	45.7	89.2	05/23/2011	
Surr: Nitrobenzene-d5			0.116	0.167		69.7	31.4	100	05/23/2011	
Surr: p-Terphenyl-d14			0.159	0.167		95.2	53.3	124	05/23/2011	

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

Batch 68374		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11051087-004AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.004		0.160	0.199	0	80.4	36	135	05/24/2011	
Acenaphthylene	0.004		0.175	0.199	0	88.0	17.2	167	05/24/2011	
Anthracene	0.004		0.171	0.199	0	85.6	39.3	124	05/24/2011	
Benzo(a)anthracene	0.004		0.148	0.199	0.003579	72.7	10	183	05/24/2011	
Benzo(a)pyrene	0.004		0.165	0.199	0	82.6	10	204	05/24/2011	
Benzo(b)fluoranthene	0.004		0.177	0.199	0.004375	86.4	10.6	178	05/24/2011	
Benzo(g,h,i)perylene	0.004		0.160	0.199	0	80.2	10	168	05/24/2011	
Benzo(k)fluoranthene	0.004		0.169	0.199	0	84.8	27.6	181	05/24/2011	
Bis(2-ethylhexyl)phthalate	0.080		0.163	0.199	0	81.8	50	150	05/24/2011	
Chrysene	0.004		0.161	0.199	0	80.6	10	176	05/24/2011	
Dibenzo(a,h)anthracene	0.004		0.173	0.199	0	86.6	12.2	156	05/24/2011	
Fluoranthene	0.004		0.192	0.199	0.004772	94.0	10	227	05/24/2011	
Fluorene	0.004		0.172	0.199	0	86.2	35.2	148	05/24/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.169	0.199	0	85.0	10	164	05/24/2011	
Naphthalene	0.004		0.157	0.199	0	78.8	14.7	128	05/24/2011	
Phenanthrene	0.004		0.169	0.199	0	84.6	32.8	143	05/24/2011	
Pyrene	0.004		0.198	0.199	0.003977	97.4	10	180	05/24/2011	
Surr: 2-Fluorobiphenyl			0.156	0.199		78.4	10	131	05/24/2011	
Surr: Nitrobenzene-d5			0.122	0.199		61.3	10	132	05/24/2011	
Surr: p-Terphenyl-d14			0.247	0.199		123.8	30.6	131	05/24/2011	

Batch 68374		SampType: MSD		Units mg/Kg-dry						RPD Limit 49.7		Date Analyzed
SampID: 11051087-004AMSD												
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD				
Acenaphthene	0.004		0.160	0.199	0	80.4	0.1603	0.00	05/24/2011			
Acenaphthylene	0.004		0.181	0.199	0	91.0	0.1754	3.34	05/24/2011			
Anthracene	0.004		0.171	0.199	0	86.0	0.1706	0.47	05/24/2011			
Benzo(a)anthracene	0.004		0.150	0.199	0.003579	73.7	0.1483	1.33	05/24/2011			
Benzo(a)pyrene	0.004		0.165	0.199	0	82.8	0.1646	0.24	05/24/2011			
Benzo(b)fluoranthene	0.004		0.180	0.199	0.004375	88.0	0.1766	1.79	05/24/2011			
Benzo(g,h,i)perylene	0.004		0.163	0.199	0	81.8	0.1599	1.97	05/24/2011			
Benzo(k)fluoranthene	0.004		0.171	0.199	0	85.6	0.1690	0.94	05/24/2011			
Bis(2-ethylhexyl)phthalate	0.080		0.166	0.199	0	83.2	0.1631	1.69	05/24/2011			
Chrysene	0.004		0.160	0.199	0	80.4	0.1607	0.25	05/24/2011			
Dibenzo(a,h)anthracene	0.004		0.177	0.199	0	88.8	0.1726	2.50	05/24/2011			
Fluoranthene	0.004		0.198	0.199	0.004772	97.2	0.1921	3.26	05/24/2011			
Fluorene	0.004		0.171	0.199	0	85.8	0.1718	0.46	05/24/2011			
Indeno(1,2,3-cd)pyrene	0.004		0.173	0.199	0	86.6	0.1694	1.86	05/24/2011			
Naphthalene	0.004		0.161	0.199	0	81.0	0.1571	2.75	05/24/2011			
Phenanthrene	0.004		0.171	0.199	0	85.6	0.1686	1.17	05/24/2011			
Pyrene	0.004		0.198	0.199	0.003977	97.6	0.1981	0.20	05/24/2011			
Surr: 2-Fluorobiphenyl			0.171	0.199		86.0			05/24/2011			
Surr: Nitrobenzene-d5			0.131	0.199		65.7			05/24/2011			
Surr: p-Terphenyl-d14			0.255	0.199		127.9			05/24/2011			

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

Batch 68389		SampType: MBLK		Units %REC						
SampID: MB-68389										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.684	0.835		81.9	46.3	106	05/26/2011	
Surr: 2-Fluorobiphenyl			0.557	0.835		66.7	46.3	106	05/24/2011	
Surr: 2-Fluorobiphenyl			0.507	0.835		60.7	46.3	106	05/25/2011	
Surr: p-Terphenyl-d14			0.737	0.835		88.2	45.5	115	05/26/2011	
Surr: p-Terphenyl-d14			0.629	0.835		75.4	45.5	115	05/25/2011	
Surr: p-Terphenyl-d14			0.589	0.835		70.6	45.5	115	05/24/2011	

Batch 68389		SampType: LCS		Units %REC						
SampID: LCS-68389										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.665	0.835		79.6	46.3	106	05/24/2011	
Surr: p-Terphenyl-d14			0.590	0.835		70.7	45.5	115	05/24/2011	

Batch 68389		SampType: LCS		Units %REC						
SampID: LCSDRO-68389										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.622	0.835		74.5	46.3	106	05/25/2011	
Surr: p-Terphenyl-d14			0.725	0.835		86.8	45.5	115	05/25/2011	

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

Batch 68389		SampType: MBLK		Units mg/Kg						
SampID: MB-68389										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		ND						05/24/2011	
1,2-Dichlorobenzene	0.500		ND						05/24/2011	
1,3-Dichlorobenzene	0.500		ND						05/24/2011	
1,4-Dichlorobenzene	0.500		ND						05/24/2011	
2,4,5-Trichlorophenol	0.350		ND						05/24/2011	
2,4,6-Trichlorophenol	0.350		ND						05/24/2011	
2,4-Dichlorophenol	0.500		ND						05/24/2011	
2,4-Dimethylphenol	0.500		ND						05/24/2011	
2,4-Dinitrophenol	1.00		ND						05/24/2011	
2,4-Dinitrotoluene	0.350		ND						05/24/2011	
2,6-Dinitrotoluene	0.350		ND						05/24/2011	
2-Chloronaphthalene	0.350		ND						05/24/2011	
2-Chlorophenol	0.500		ND						05/24/2011	
2-Methoxy-4-methylphenol	0.650		ND						05/24/2011	
2-Methylnaphthalene	0.350		ND						05/24/2011	
2-Nitroaniline	1.00		ND						05/24/2011	
2-Nitrophenol	0.350		ND						05/24/2011	
3,3'-Dichlorobenzidine	0.350		ND						05/24/2011	
3-Nitroaniline	1.00		ND						05/24/2011	
4,6-Dinitro-2-methylphenol	1.00		ND						05/24/2011	
4-Bromophenyl phenyl ether	0.350		ND						05/24/2011	
4-Chloro-3-methylphenol	0.500		ND						05/24/2011	

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Batch 68389		SampType: MBLK		Units mg/Kg						
SampID: MB-68389										Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
4-Chloroaniline	0.500		ND						05/24/2011	
4-Chlorophenyl phenyl ether	0.350		ND						05/24/2011	
4-Nitroaniline	0.500		ND						05/24/2011	
4-Nitrophenol	0.350		ND						05/24/2011	
Aniline	0.500		ND						05/24/2011	
Azobenzene	0.350		ND						05/24/2011	
Benzidine	1.06		ND						05/24/2011	
Benzoic acid	1.50		ND						05/24/2011	
Benzyl alcohol	0.500		ND						05/24/2011	
Bis(2-chloroethoxy)methane	0.350		ND						05/24/2011	
Bis(2-chloroethyl)ether	0.500		ND						05/24/2011	
Bis(2-chloroisopropyl)ether	0.350		ND						05/24/2011	
Butyl benzyl phthalate	0.350		ND						05/24/2011	
Carbazole	0.500		ND						05/24/2011	
Dibenzofuran	0.350		ND						05/24/2011	
Diethyl phthalate	0.500		ND						05/24/2011	
Dimethyl phthalate	0.350		ND						05/24/2011	
Di-n-butyl phthalate	0.350		ND						05/24/2011	
Di-n-octyl phthalate	0.350		ND						05/24/2011	
Hexachlorobenzene	0.350		ND						05/24/2011	
Hexachlorobutadiene	0.500		ND						05/24/2011	
Hexachlorocyclopentadiene	0.350		ND						05/24/2011	
Hexachloroethane	0.500		ND						05/24/2011	
Isophorone	0.350		ND						05/24/2011	
m,p-Cresol	0.500		ND						05/24/2011	
Nitrobenzene	0.500		ND						05/24/2011	
N-Nitrosodimethylamine	0.500		ND						05/24/2011	
N-Nitroso-di-n-propylamine	0.500		ND						05/24/2011	
N-Nitrosodiphenylamine	0.500		ND						05/24/2011	
o-Cresol	0.500		ND						05/24/2011	
Pentachlorophenol	2.00		ND						05/24/2011	
Phenol	0.350		ND						05/24/2011	
Pyridine	0.500		ND						05/24/2011	
1,2-Diphenylhydrazine	0.840		ND						05/24/2011	
Surr: 2,4,6-Tribromophenol		S	0	1.67	0		52.1	113	05/25/2011	
Surr: 2,4,6-Tribromophenol			1.49	1.67	89.0		52.1	113	05/24/2011	
Surr: 2-Fluorobiphenyl			0.537	0.835	64.4		46.3	106	05/24/2011	
Surr: 2-Fluorophenol		S	0	1.67	0		50.6	89	05/25/2011	
Surr: 2-Fluorophenol			1.11	1.67	66.2		50.6	89	05/24/2011	
Surr: Nitrobenzene-d5			0.584	0.835	69.9		42.4	99.2	05/24/2011	
Surr: Nitrobenzene-d5			0.542	0.835	64.9		42.4	99.2	05/25/2011	
Surr: Nitrobenzene-d5			0.572	0.835	68.5		42.4	99.2	05/26/2011	
Surr: Nitrobenzene-d5			0.505	0.835	60.4		42.4	99.2	05/24/2011	
Surr: Phenol-d5		S	0	1.67	0		55.9	98.5	05/25/2011	
Surr: Phenol-d5			1.17	1.67	70.1		55.9	98.5	05/24/2011	
Surr: p-Terphenyl-d14			0.614	0.835	73.6		45.5	115	05/24/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

**Report Date:** 01-Jun-11

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

Batch 68389		SampType: LCS		Units mg/Kg						
SampID: LCS-68389										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		1.24	1.67	0	74.2	43.9	92.2	05/24/2011	
1,4-Dichlorobenzene	0.500		1.22	1.67	0	73.1	43.8	84.1	05/24/2011	
2,4,5-Trichlorophenol	0.350		3.13	3.33	0	94.0	38.6	123	05/24/2011	
2,4,6-Trichlorophenol	0.350		3.40	3.33	0	102.0	35.9	123	05/24/2011	
2,4-Dimethylphenol	0.500		2.86	3.33	0	86.0	38.3	88	05/24/2011	
2,4-Dinitrophenol	1.00		2.65	3.33	0	79.7	1.88	162	05/24/2011	
2,4-Dinitrotoluene	0.350		1.25	1.67	0	75.1	48.6	102	05/24/2011	
2-Chlorophenol	0.500		2.69	3.33	0	80.9	46.6	84	05/24/2011	
4-Chloro-3-methylphenol	0.500		2.82	3.33	0	84.5	51.5	94.9	05/24/2011	
4-Nitrophenol	0.350		2.84	3.33	0	85.4	53.2	104	05/24/2011	
Diethyl phthalate	0.500		2.83	3.33	0	85.0	51.7	106	05/24/2011	
Dimethyl phthalate	0.350		2.82	3.33	0	84.8	58.8	104	05/24/2011	
Di-n-butyl phthalate	0.350		1.38	1.67	0	82.8	54.3	105	05/24/2011	
Hexachlorobenzene	0.350		3.12	3.33	0	93.6	55.9	106	05/24/2011	
Hexachlorobutadiene	0.500		2.90	3.33	0	87.2	35.7	100	05/24/2011	
Hexachloroethane	0.500		2.59	3.33	0	77.6	38.9	89.9	05/24/2011	
m,p-Cresol	0.500		1.26	1.67	0	75.5	37.6	93.7	05/24/2011	
Nitrobenzene	0.500		2.24	3.33	0	67.2	51.8	104	05/24/2011	
N-Nitroso-di-n-propylamine	0.500		1.19	1.67	0	71.2	49.1	94.5	05/24/2011	
o-Cresol	0.500		1.29	1.67	0	77.0	43	101	05/24/2011	
Pentachlorophenol	2.00		3.25	3.33	0	97.7	42.2	102	05/24/2011	
Phenol	0.350		2.61	3.33	0	78.3	41.6	81.3	05/24/2011	
Pyridine	0.500		1.84	3.33	0	55.3	3.61	74.3	05/24/2011	
Surr: 2,4,6-Tribromophenol			1.58	1.67		94.5	52.1	113	05/24/2011	
Surr: 2-Fluorobiphenyl			0.569	0.835		68.1	46.3	106	05/24/2011	
Surr: 2-Fluorophenol			1.14	1.67		68.1	50.6	89	05/24/2011	
Surr: Nitrobenzene-d5			0.510	0.835		61.0	42.4	99.2	05/24/2011	
Surr: Nitrobenzene-d5			0.635	0.835		76.1	42.4	99.2	05/24/2011	
Surr: Phenol-d5			1.22	1.67		73.3	55.9	98.5	05/24/2011	
Surr: p-Terphenyl-d14			0.706	0.835		84.5	45.5	115	05/24/2011	

Batch 68389		SampType: LCS		Units %REC						
SampID: LCSDRO-68389										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: Nitrobenzene-d5			0.589	0.835		70.5	42.4	99.2	05/25/2011	

Batch 68389		SampType: MS		Units mg/Kg-dry						
SampID: 11051087-003AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	5.83	J	1.2	1.95	0	61.5	35.9	102	05/24/2011	
1,4-Dichlorobenzene	5.83	J	1.1	1.95	0	57.5	29.8	95.5	05/24/2011	
2,4,5-Trichlorophenol	4.08	J	2.5	3.88	0	65.2	38.6	123	05/24/2011	
2,4,6-Trichlorophenol	4.08	J	2.5	3.88	0	63.8	35.9	123	05/24/2011	
2,4-Dimethylphenol	5.83	J	2.4	3.88	0	61.1	38.3	88	05/24/2011	
2,4-Dinitrophenol	11.7	J	0.33	3.88	0	8.5	1.88	162	05/24/2011	
2,4-Dinitrotoluene	4.08	J	1.1	1.95	0	56.5	37.5	107	05/24/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

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

Batch 68389		SampType: MS		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11051087-003AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
2-Chlorophenol	5.83	J	2.3	3.88	0	60.3	22.6	108	05/24/2011	
4-Chloro-3-methylphenol	5.83	J	2.3	3.88	0	59.1	19.3	131	05/24/2011	
4-Nitrophenol	4.08	J	2.0	3.88	0	50.4	27.6	123	05/24/2011	
Diethyl phthalate	5.83	J	2.5	3.88	0	63.8	51.7	106	05/24/2011	
Dimethyl phthalate	4.08	J	2.5	3.88	0	64.5	58.8	104	05/24/2011	
Di-n-butyl phthalate	4.08	J	1.1	1.95	0	58.8	54.3	105	05/24/2011	
Hexachlorobenzene	4.08	J	2.5	3.88	0	64.9	55.9	106	05/24/2011	
Hexachlorobutadiene	5.83	J	2.4	3.88	0	60.8	35.7	100	05/24/2011	
Hexachloroethane	5.83	J	2.2	3.88	0	57.1	38.9	89.9	05/24/2011	
m,p-Cresol	5.83	J	1.0	1.95	0	53.9	37.6	93.7	05/24/2011	
Nitrobenzene	5.83	J	2.1	3.88	0	54.8	51.8	104	05/24/2011	
N-Nitroso-di-n-propylamine	5.83	J	1.1	1.95	0	54.4	45.5	99.1	05/24/2011	
o-Cresol	5.83	J	1.1	1.95	0	58.3	43	101	05/24/2011	
Pentachlorophenol	23.3	J	1.9	3.88	0	48.7	18.5	113	05/24/2011	
Phenol	4.08	J	2.2	3.88	0	57.6	20.8	110	05/24/2011	
Pyridine	5.83	J	1.6	3.88	0	42.3	3.61	74.3	05/24/2011	
Surr: 2,4,6-Tribromophenol			1.30	1.95		66.5	32.7	130	05/24/2011	
Surr: 2-Fluorobiphenyl			0.449	0.974		46.1	34.1	116	05/24/2011	
Surr: 2-Fluorophenol			1.06	1.95		54.6	30.5	99	05/24/2011	
Surr: Nitrobenzene-d5			0.484	0.974		49.7	34.1	101	05/24/2011	
Surr: Phenol-d5			1.08	1.95		55.3	34.9	110	05/24/2011	
Surr: p-Terphenyl-d14			0.572	0.974		58.7	41.7	124	05/24/2011	

Batch 68389		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11051087-003AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,2,4-Trichlorobenzene	5.85	J	1.1	1.96	0	54.0	1.197	0.00	05/24/2011	
1,4-Dichlorobenzene	5.85	J	1.1	1.96	0	55.9	1.120	0.00	05/24/2011	
2,4,5-Trichlorophenol	4.10	J	2.4	3.90	0	61.6	2.531	0.00	05/24/2011	
2,4,6-Trichlorophenol	4.10	J	2.4	3.90	0	61.3	2.477	0.00	05/24/2011	
2,4-Dimethylphenol	5.85	J	2.3	3.90	0	58.1	2.373	0.00	05/24/2011	
2,4-Dinitrophenol	11.7	J	0.47	3.90	0	12.0	0.3320	0.00	05/24/2011	
2,4-Dinitrotoluene	4.10	J	1.1	1.96	0	54.8	1.101	0.00	05/24/2011	
2-Chlorophenol	5.85	J	2.3	3.90	0	59.8	2.341	0.00	05/24/2011	
4-Chloro-3-methylphenol	5.85	J	2.1	3.90	0	53.3	2.294	0.00	05/24/2011	
4-Nitrophenol	4.10	J	2.3	3.90	0	58.4	1.958	0.00	05/24/2011	
Diethyl phthalate	5.85	J	2.2	3.90	0	57.5	2.477	0.00	05/24/2011	
Dimethyl phthalate	4.10	J	2.4	3.90	0	60.7	2.505	0.00	05/24/2011	
Di-n-butyl phthalate	4.10	J	1.1	1.96	0	56.7	1.144	0.00	05/24/2011	
Hexachlorobenzene	4.10	J	2.3	3.90	0	58.4	2.522	0.00	05/24/2011	
Hexachlorobutadiene	5.85	J	2.2	3.90	0	55.1	2.360	0.00	05/24/2011	
Hexachloroethane	5.85	J	2.2	3.90	0	55.5	2.217	0.00	05/24/2011	
m,p-Cresol	5.85	J	1.2	1.96	0	59.3	1.049	0.00	05/24/2011	
Nitrobenzene	5.85	JS	2.0	3.90	0	50.9	2.127	0.00	05/24/2011	
N-Nitroso-di-n-propylamine	5.85	J	1.0	1.96	0	52.5	1.059	0.00	05/24/2011	
o-Cresol	5.85	J	1.1	1.96	0	57.6	1.136	0.00	05/24/2011	
Pentachlorophenol	23.4	J	1.7	3.90	0	44.6	1.892	0.00	05/24/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

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

Batch	SampType:	MSD	Units mg/Kg-dry					RPD Limit 40		
SampID: 11051087-003AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Phenol	4.10	J	2.1	3.90	0	54.9	2.239	0.00	05/24/2011	
Pyridine	5.85	J	1.6	3.90	0	41.4	1.644	0.00	05/24/2011	
Surr: 2,4,6-Tribromophenol			1.40	1.96		71.4			05/24/2011	
Surr: 2-Fluorobiphenyl			0.440	0.978		45.0			05/24/2011	
Surr: 2-Fluorophenol			1.05	1.96		53.6			05/24/2011	
Surr: Nitrobenzene-d5			0.453	0.978		46.3			05/24/2011	
Surr: Phenol-d5			0.980	1.96		50.1			05/24/2011	
Surr: p-Terphenyl-d14			0.543	0.978		55.6			05/24/2011	

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

Batch	SampType:	MBLK	Units µg/Kg							Date Analyzed
SampID: MBLK-G110524-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		ND						05/24/2011	
1,1,1-Trichloroethane	5.0		ND						05/24/2011	
1,1,2,2-Tetrachloroethane	5.0		ND						05/24/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		ND						05/24/2011	
1,1,2-Trichloroethane	5.0		ND						05/24/2011	
1,1-Dichloro-2-propanone	50.0		ND						05/24/2011	
1,1-Dichloroethane	5.0		ND						05/24/2011	
1,1-Dichloroethene	5.0		ND						05/24/2011	
1,1-Dichloropropene	5.0		ND						05/24/2011	
1,2,3-Trichlorobenzene	5.0		ND						05/24/2011	
1,2,3-Trichloropropane	10		ND						05/24/2011	
1,2,3-Trimethylbenzene	5.0		ND						05/24/2011	
1,2,4-Trichlorobenzene	5.0		ND						05/24/2011	
1,2,4-Trimethylbenzene	5.0		ND						05/24/2011	
1,2-Dibromo-3-chloropropane	5.0		ND						05/24/2011	
1,2-Dibromoethane	5.0		ND						05/24/2011	
1,2-Dichlorobenzene	5.0		ND						05/24/2011	
1,2-Dichloroethane	5.0		ND						05/24/2011	
1,2-Dichloropropane	5.0		ND						05/24/2011	
1,3,5-Trimethylbenzene	5.0		ND						05/24/2011	
1,3-Dichlorobenzene	5.0		ND						05/24/2011	
1,3-Dichloropropane	5.0		ND						05/24/2011	
1,4-Dichlorobenzene	5.0		ND						05/24/2011	
1-Chlorobutane	5.0		ND						05/24/2011	
2,2-Dichloropropane	5.0		ND						05/24/2011	
2-Butanone	50.0		ND						05/24/2011	
2-Chlorotoluene	5.0		ND						05/24/2011	
2-Hexanone	50.0		ND						05/24/2011	
2-Nitropropane	50.0		ND						05/24/2011	
4-Chlorotoluene	5.0		ND						05/24/2011	
4-Methyl-2-pentanone	50.0		ND						05/24/2011	
Acetone	50.0		ND						05/24/2011	
Acrolein	100		ND						05/24/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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Report Date: 01-Jun-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
Acrylonitrile	10		ND						05/24/2011
Allyl chloride	5.0		ND						05/24/2011
Benzene	1.0		ND						05/24/2011
Bromobenzene	5.0		ND						05/24/2011
Bromochloromethane	5.0		ND						05/24/2011
Bromodichloromethane	5.0		ND						05/24/2011
Bromoform	5.0		ND						05/24/2011
Bromomethane	10		ND						05/24/2011
Carbon disulfide	5.0		ND						05/24/2011
Carbon tetrachloride	5.0		ND						05/24/2011
Chlorobenzene	5.0		ND						05/24/2011
Chloroethane	10		ND						05/24/2011
Chloroform	5.0		ND						05/24/2011
Chloromethane	10		ND						05/24/2011
cis-1,2-Dichloroethene	5.0		ND						05/24/2011
cis-1,3-Dichloropropene	4.0		ND						05/24/2011
Cyclohexanone	100		ND						05/24/2011
Dibromochloromethane	5.0		ND						05/24/2011
Dibromomethane	5.0		ND						05/24/2011
Dichlorodifluoromethane	10		ND						05/24/2011
Ethyl acetate	50.0		ND						05/24/2011
Ethyl ether	5.0		ND						05/24/2011
Ethyl methacrylate	5.0		ND						05/24/2011
Ethylbenzene	5.0		ND						05/24/2011
Heptane	20.0		ND						05/24/2011
Hexachlorobutadiene	5.0		ND						05/24/2011
Hexachloroethane	5.0		ND						05/24/2011
Iodomethane	10		ND						05/24/2011
Isopropylbenzene	5.0		ND						05/24/2011
m,p-Xylenes	5.0		ND						05/24/2011
Methacrylonitrile	50.0		ND						05/24/2011
Methyl Methacrylate	5.0		ND						05/24/2011
Methyl tert-butyl ether	2.0		ND						05/24/2011
Methylacrylate	10		ND						05/24/2011
Methylene chloride	5.0	J	1.4						05/24/2011
Naphthalene	10		ND						05/24/2011
n-Butylbenzene	5.0		ND						05/24/2011
n-Hexane	20.0		ND						05/24/2011
Nitrobenzene	100		ND						05/24/2011
n-Propylbenzene	5.0		ND						05/24/2011
o-Xylene	5.0		ND						05/24/2011
Pentachloroethane	5.0		ND						05/24/2011
p-Isopropyltoluene	5.0		ND						05/24/2011
Propionitrile	50.0		ND						05/24/2011
sec-Butylbenzene	5.0		ND						05/24/2011
Styrene	5.0		ND						05/24/2011
tert-Butylbenzene	5.0		ND						05/24/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

**Report Date:** 01-Jun-11

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

Batch 68412		SampType: MBLK		Units µg/Kg						
SampID: MBLK-G110524-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Tetrachloroethene	5.0		ND						05/24/2011	
Tetrahydrofuran	50.0		ND						05/24/2011	
Toluene	5.0		ND						05/24/2011	
trans-1,2-Dichloroethene	5.0		ND						05/24/2011	
trans-1,3-Dichloropropene	4.0		ND						05/24/2011	
Trichloroethene	5.0		ND						05/24/2011	
Trichlorofluoromethane	5.0		ND						05/24/2011	
Vinyl acetate	50.0		ND						05/24/2011	
Vinyl chloride	2.0		ND						05/24/2011	
Surr: 1,2-Dichloroethane-d4			51.5	50.0		103.0	72.2	131	05/24/2011	
Surr: 4-Bromofluorobenzene			54.5	50.0		109.0	82.1	116	05/24/2011	
Surr: Dibromofluoromethane			52.6	50.0		105.3	77.7	120	05/24/2011	
Surr: Toluene-d8			47.6	50.0		95.3	86	116	05/24/2011	

Batch 68412		SampType: LCSD		Units µg/Kg		RPD Limit 40				
SampID: LCSD-G110524-1										
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	49.40	5.74	05/24/2011	
1,1,1-Trichloroethane	5.0		53.0	50.0	0	105.9	49.75	6.25	05/24/2011	
1,1,2,2-Tetrachloroethane	5.0		46.4	50.0	0	92.9	45.23	2.66	05/24/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		43.5	50.0	0	87.0	42.25	2.92	05/24/2011	
1,1,2-Trichloroethane	5.0		48.0	50.0	0	96.0	46.96	2.17	05/24/2011	
1,1-Dichloro-2-propanone	50.0		130	125	0	104.1	137.1	5.25	05/24/2011	
1,1-Dichloroethane	5.0		47.0	50.0	0	94.0	44.88	4.57	05/24/2011	
1,1-Dichloroethene	5.0		43.4	50.0	0	86.8	40.96	5.81	05/24/2011	
1,1-Dichloropropene	5.0		49.6	50.0	0	99.3	47.15	5.15	05/24/2011	
1,2,3-Trichlorobenzene	5.0		53.6	50.0	0	107.2	53.79	0.35	05/24/2011	
1,2,3-Trichloropropane	10		50.0	50.0	0	99.9	47.78	4.46	05/24/2011	
1,2,3-Trimethylbenzene	5.0		48.1	50.0	0	96.1	46.35	3.62	05/24/2011	
1,2,4-Trichlorobenzene	5.0		55.2	50.0	0	110.3	55.98	1.49	05/24/2011	
1,2,4-Trimethylbenzene	5.0		49.0	50.0	0	98.1	47.27	3.66	05/24/2011	
1,2-Dibromo-3-chloropropane	5.0		53.2	50.0	0	106.3	53.16	0.00	05/24/2011	
1,2-Dibromoethane	5.0		50.1	50.0	0	100.2	49.19	1.87	05/24/2011	
1,2-Dichlorobenzene	5.0		48.7	50.0	0	97.3	47.11	3.26	05/24/2011	
1,2-Dichloroethane	5.0		50.8	50.0	0	101.6	49.11	3.34	05/24/2011	
1,2-Dichloropropane	5.0		48.3	50.0	0	96.6	45.93	5.01	05/24/2011	
1,3,5-Trimethylbenzene	5.0		47.4	50.0	0	94.7	45.46	4.12	05/24/2011	
1,3-Dichlorobenzene	5.0		50.4	50.0	0	100.7	48.45	3.89	05/24/2011	
1,3-Dichloropropane	5.0		47.3	50.0	0	94.6	46.06	2.61	05/24/2011	
1,4-Dichlorobenzene	5.0		49.5	50.0	0	98.9	47.91	3.20	05/24/2011	
1-Chlorobutane	5.0		44.0	50.0	0	87.9	42.13	4.23	05/24/2011	
2,2-Dichloropropane	5.0		51.5	50.0	0	103.0	49.25	4.51	05/24/2011	
2-Butanone	50.0		121	125	0	97.0	121.6	0.35	05/24/2011	
2-Chlorotoluene	5.0		47.2	50.0	0	94.4	45.20	4.37	05/24/2011	
2-Hexanone	50.0		121	125	0	97.1	123.9	2.01	05/24/2011	
2-Nitropropane	50.0		563	500	0	112.7	559.5	0.69	05/24/2011	
4-Chlorotoluene	5.0		47.5	50.0	0	95.1	46.07	3.12	05/24/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

**Report Date:** 01-Jun-11

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

Batch 68412	SampType: LCSD	Units µg/Kg		RPD Limit 40						
SampID: LCSD-G110524-1		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Analyses										
4-Methyl-2-pentanone		50.0		127	125	0	101.7	127.7	0.43	05/24/2011
Acetone		50.0		121	125	0	96.9	127.8	5.38	05/24/2011
Acrylonitrile		10		46.3	50.0	0	92.7	46.89	1.20	05/24/2011
Allyl chloride		5.0		44.4	50.0	0	88.8	41.08	7.81	05/24/2011
Benzene		1.0		47.0	50.0	0	94.0	44.76	4.88	05/24/2011
Bromobenzene		5.0		50.1	50.0	0	100.2	47.52	5.33	05/24/2011
Bromochloromethane		5.0		47.2	50.0	0	94.5	45.47	3.84	05/24/2011
Bromodichloromethane		5.0		52.4	50.0	0	104.8	50.35	3.95	05/24/2011
Bromoform		5.0		56.7	50.0	0	113.4	54.40	4.14	05/24/2011
Bromomethane		10		36.4	50.0	0	72.8	34.72	4.67	05/24/2011
Carbon disulfide		5.0		38.8	50.0	0	77.5	36.78	5.27	05/24/2011
Carbon tetrachloride		5.0		54.9	50.0	0	109.9	52.06	5.38	05/24/2011
Chlorobenzene		5.0		49.6	50.0	0	99.2	46.88	5.66	05/24/2011
Chloroethane		10		35.4	50.0	0	70.8	33.96	4.18	05/24/2011
Chloroform		5.0		51.2	50.0	0	102.4	48.27	5.89	05/24/2011
Chloromethane		10		21.2	50.0	0	42.5	20.48	3.69	05/24/2011
cis-1,2-Dichloroethene		5.0		49.8	50.0	0	99.6	47.09	5.61	05/24/2011
cis-1,3-Dichloropropene		4.0		52.9	50.0	0	105.7	49.79	5.98	05/24/2011
Cyclohexanone		100		233	250	0	93.1	248.2	6.46	05/24/2011
Dibromochloromethane		5.0		53.4	50.0	0	106.8	50.75	5.13	05/24/2011
Dibromomethane		5.0		51.6	50.0	0	103.1	49.57	3.92	05/24/2011
Dichlorodifluoromethane		10	J	9.0	50.0	0	18.1	8.980	0.00	05/24/2011
Ethyl acetate		50.0	J	48	50.0	0	95.2	49.26	0.00	05/24/2011
Ethyl ether		5.0		45.1	50.0	0	90.2	43.95	2.60	05/24/2011
Ethyl methacrylate		5.0		50.2	50.0	0	100.5	49.22	2.03	05/24/2011
Ethylbenzene		5.0		49.0	50.0	0	97.9	47.38	3.28	05/24/2011
Heptane		20.0		42.9	50.0	0	85.9	44.24	2.98	05/24/2011
Hexachlorobutadiene		5.0		56.4	50.0	0	112.9	54.63	3.28	05/24/2011
Hexachloroethane		5.0		52.5	50.0	0	105.0	48.75	7.37	05/24/2011
Iodomethane		10		54.1	50.0	0	108.1	49.96	7.90	05/24/2011
Isopropylbenzene		5.0		50.2	50.0	0	100.4	47.95	4.60	05/24/2011
m,p-Xylenes		5.0		98.9	100	0	98.9	95.28	3.77	05/24/2011
Methacrylonitrile		50.0	J	46	50.0	0	92.5	46.20	0.00	05/24/2011
Methyl Methacrylate		5.0		53.6	50.0	0	107.3	52.73	1.69	05/24/2011
Methyl tert-butyl ether		2.0		49.7	50.0	0	99.4	49.81	0.24	05/24/2011
Methylacrylate		10		48.8	50.0	0	97.5	49.06	0.61	05/24/2011
Methylene chloride		5.0		47.4	50.0	0	94.9	44.74	5.84	05/24/2011
Naphthalene		10		49.9	50.0	0	99.8	51.09	2.36	05/24/2011
n-Butylbenzene		5.0		48.0	50.0	0	96.1	47.40	1.36	05/24/2011
n-Hexane		20.0		40.7	50.0	0	81.4	40.08	1.51	05/24/2011
Nitrobenzene		100		556	500	0	111.3	554.7	0.28	05/24/2011
n-Propylbenzene		5.0		46.9	50.0	0	93.8	45.20	3.67	05/24/2011
o-Xylene		5.0		49.3	50.0	0	98.6	46.91	5.01	05/24/2011
Pentachloroethane		5.0		54.2	50.0	0	108.4	51.27	5.57	05/24/2011
p-Isopropyltoluene		5.0		49.2	50.0	0	98.5	46.43	5.89	05/24/2011
Propionitrile		50.0		503	500	0	100.7	498.3	1.01	05/24/2011
sec-Butylbenzene		5.0		48.4	50.0	0	96.8	46.02	5.00	05/24/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-11

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

Batch 68412		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-G110524-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Styrene	5.0		51.4	50.0	0	102.8	49.15	4.44	05/24/2011	
tert-Butylbenzene	5.0		47.6	50.0	0	95.2	45.42	4.71	05/24/2011	
Tetrachloroethene	5.0		54.3	50.0	0	108.5	49.97	8.23	05/24/2011	
Tetrahydrofuran	50.0	J	50	50.0	0	99.0	48.93	0.00	05/24/2011	
Toluene	5.0		45.4	50.0	0	90.8	43.50	4.25	05/24/2011	
trans-1,2-Dichloroethene	5.0		46.0	50.0	0	92.0	44.25	3.88	05/24/2011	
trans-1,3-Dichloropropene	4.0		49.6	50.0	0	99.2	48.56	2.14	05/24/2011	
Trichloroethene	5.0		53.7	50.0	0	107.4	51.65	3.93	05/24/2011	
Trichlorofluoromethane	5.0		42.0	50.0	0	84.0	40.74	3.07	05/24/2011	
Vinyl acetate	50.0	J	48	50.0	0	95.1	46.91	0.00	05/24/2011	
Vinyl chloride	2.0		30.9	50.0	0	61.8	29.72	3.83	05/24/2011	
Surr: 1,2-Dichloroethane-d4			51.0	50.0		102.0			05/24/2011	
Surr: 4-Bromofluorobenzene			54.1	50.0		108.3			05/24/2011	
Surr: Dibromofluoromethane			53.0	50.0		106.0			05/24/2011	
Surr: Toluene-d8			47.4	50.0		94.8			05/24/2011	

Batch 68412		SampType: LCS		Units µg/Kg						Date Analyzed
SampID: LCS-G110524-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.0		49.4	50.0	0	98.8	0	200	05/24/2011	
1,1,1-Trichloroethane	5.0		49.8	50.0	0	99.5	85.6	124	05/24/2011	
1,1,2,2-Tetrachloroethane	5.0		45.2	50.0	0	90.5	0	200	05/24/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		42.2	50.0	0	84.5	0	200	05/24/2011	
1,1,2-Trichloroethane	5.0		47.0	50.0	0	93.9	0	200	05/24/2011	
1,1-Dichloro-2-propanone	50.0		137	125	0	109.7	0	200	05/24/2011	
1,1-Dichloroethane	5.0		44.9	50.0	0	89.8	0	200	05/24/2011	
1,1-Dichloroethene	5.0		41.0	50.0	0	81.9	60.1	131	05/24/2011	
1,1-Dichloropropene	5.0		47.2	50.0	0	94.3	0	200	05/24/2011	
1,2,3-Trichlorobenzene	5.0		53.8	50.0	0	107.6	0	200	05/24/2011	
1,2,3-Trichloropropane	10		47.8	50.0	0	95.6	0	200	05/24/2011	
1,2,3-Trimethylbenzene	5.0		46.4	50.0	0	92.7	0	200	05/24/2011	
1,2,4-Trichlorobenzene	5.0		56.0	50.0	0	112.0	0	200	05/24/2011	
1,2,4-Trimethylbenzene	5.0		47.3	50.0	0	94.5	0	200	05/24/2011	
1,2-Dibromo-3-chloropropane	5.0		53.2	50.0	0	106.3	0	200	05/24/2011	
1,2-Dibromoethane	5.0		49.2	50.0	0	98.4	86.9	119	05/24/2011	
1,2-Dichlorobenzene	5.0		47.1	50.0	0	94.2	88	119	05/24/2011	
1,2-Dichloroethane	5.0		49.1	50.0	0	98.2	73	117	05/24/2011	
1,2-Dichloropropane	5.0		45.9	50.0	0	91.9	0	200	05/24/2011	
1,3,5-Trimethylbenzene	5.0		45.5	50.0	0	90.9	0	200	05/24/2011	
1,3-Dichlorobenzene	5.0		48.4	50.0	0	96.9	85.8	125	05/24/2011	
1,3-Dichloropropane	5.0		46.1	50.0	0	92.1	0	200	05/24/2011	
1,4-Dichlorobenzene	5.0		47.9	50.0	0	95.8	84.5	124	05/24/2011	
1-Chlorobutane	5.0		42.1	50.0	0	84.3	0	200	05/24/2011	
2,2-Dichloropropane	5.0		49.2	50.0	0	98.5	0	200	05/24/2011	
2-Butanone	50.0		122	125	0	97.3	45.3	136	05/24/2011	
2-Chlorotoluene	5.0		45.2	50.0	0	90.4	0	200	05/24/2011	
2-Hexanone	50.0		124	125	0	99.1	0	200	05/24/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11051087

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

Report Date: 01-Jun-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
2-Nitropropane	50.0		560	500	0	111.9	0	200	05/24/2011
4-Chlorotoluene	5.0		46.1	50.0	0	92.1	0	200	05/24/2011
4-Methyl-2-pentanone	50.0		128	125	0	102.2	0	200	05/24/2011
Acetone	50.0		128	125	0	102.2	0	200	05/24/2011
Acrylonitrile	10		46.9	50.0	0	93.8	0	200	05/24/2011
Allyl chloride	5.0		41.1	50.0	0	82.2	0	200	05/24/2011
Benzene	1.0		44.8	50.0	0	89.5	73.9	109	05/24/2011
Bromobenzene	5.0		47.5	50.0	0	95.0	0	200	05/24/2011
Bromochloromethane	5.0		45.5	50.0	0	90.9	0	200	05/24/2011
Bromodichloromethane	5.0		50.4	50.0	0	100.7	91.3	126	05/24/2011
Bromoform	5.0		54.4	50.0	0	108.8	0	200	05/24/2011
Bromomethane	10		34.7	50.0	0	69.4	0	200	05/24/2011
Carbon disulfide	5.0		36.8	50.0	0	73.6	0	200	05/24/2011
Carbon tetrachloride	5.0		52.1	50.0	0	104.1	83.3	127	05/24/2011
Chlorobenzene	5.0		46.9	50.0	0	93.8	85.8	116	05/24/2011
Chloroethane	10		34.0	50.0	0	67.9	0	200	05/24/2011
Chloroform	5.0		48.3	50.0	0	96.5	80	113	05/24/2011
Chloromethane	10		20.5	50.0	0	41.0	0	200	05/24/2011
cis-1,2-Dichloroethene	5.0		47.1	50.0	0	94.2	0	200	05/24/2011
cis-1,3-Dichloropropene	4.0		49.8	50.0	0	99.6	0	200	05/24/2011
Cyclohexanone	100		248	250	0	99.3	0	200	05/24/2011
Dibromochloromethane	5.0		50.8	50.0	0	101.5	89.1	119	05/24/2011
Dibromomethane	5.0		49.6	50.0	0	99.1	0	200	05/24/2011
Dichlorodifluoromethane	10	J	9.0	50.0	0	18.0	0	200	05/24/2011
Ethyl acetate	50.0	J	49	50.0	0	98.5	0	200	05/24/2011
Ethyl ether	5.0		44.0	50.0	0	87.9	0	200	05/24/2011
Ethyl methacrylate	5.0		49.2	50.0	0	98.4	0	200	05/24/2011
Ethylbenzene	5.0		47.4	50.0	0	94.8	84.1	115	05/24/2011
Heptane	20.0		44.2	50.0	0	88.5	0	200	05/24/2011
Hexachlorobutadiene	5.0		54.6	50.0	0	109.3	0	200	05/24/2011
Hexachloroethane	5.0		48.8	50.0	0	97.5	0	200	05/24/2011
Iodomethane	10		50.0	50.0	0	99.9	0	200	05/24/2011
Isopropylbenzene	5.0		48.0	50.0	0	95.9	0	200	05/24/2011
m,p-Xylenes	5.0		95.3	100	0	95.3	79.1	111	05/24/2011
Methacrylonitrile	50.0	J	46	50.0	0	92.4	0	200	05/24/2011
Methyl Methacrylate	5.0		52.7	50.0	0	105.5	0	200	05/24/2011
Methyl tert-butyl ether	2.0		49.8	50.0	0	99.6	80	128	05/24/2011
Methylacrylate	10		49.1	50.0	0	98.1	0	200	05/24/2011
Methylene chloride	5.0		44.7	50.0	0	89.5	73.9	116	05/24/2011
Naphthalene	10		51.1	50.0	0	102.2	73.1	135	05/24/2011
n-Butylbenzene	5.0		47.4	50.0	0	94.8	0	200	05/24/2011
n-Hexane	20.0		40.1	50.0	0	80.2	0	200	05/24/2011
Nitrobenzene	100		555	500	0	110.9	0	200	05/24/2011
n-Propylbenzene	5.0		45.2	50.0	0	90.4	0	200	05/24/2011
o-Xylene	5.0		46.9	50.0	0	93.8	82	117	05/24/2011
Pentachloroethane	5.0		51.3	50.0	0	102.5	0	200	05/24/2011
p-Isopropyltoluene	5.0		46.4	50.0	0	92.9	0	200	05/24/2011



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

**Report Date:** 01-Jun-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**
**Batch** 68412

**SampType:** LCS

 Units  $\mu\text{g/Kg}$ 

SampID: LCS-G110524-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Propionitrile	50.0		<b>498</b>	500	0	99.7	0	200	05/24/2011
sec-Butylbenzene	5.0		<b>46.0</b>	50.0	0	92.0	0	200	05/24/2011
Styrene	5.0		<b>49.2</b>	50.0	0	98.3	0	200	05/24/2011
tert-Butylbenzene	5.0		<b>45.4</b>	50.0	0	90.8	0	200	05/24/2011
Tetrachloroethene	5.0		<b>50.0</b>	50.0	0	99.9	74.6	115	05/24/2011
Tetrahydrofuran	50.0	J	<b>49</b>	50.0	0	97.9	0	200	05/24/2011
Toluene	5.0		<b>43.5</b>	50.0	0	87.0	79.1	112	05/24/2011
trans-1,2-Dichloroethene	5.0		<b>44.2</b>	50.0	0	88.5	0	200	05/24/2011
trans-1,3-Dichloropropene	4.0		<b>48.6</b>	50.0	0	97.1	0	200	05/24/2011
Trichloroethene	5.0		<b>51.6</b>	50.0	0	103.3	81	111	05/24/2011
Trichlorofluoromethane	5.0		<b>40.7</b>	50.0	0	81.5	0	200	05/24/2011
Vinyl acetate	50.0	J	<b>47</b>	50.0	0	93.8	0	200	05/24/2011
Vinyl chloride	2.0		<b>29.7</b>	50.0	0	59.4	0	200	05/24/2011
Surr: 1,2-Dichloroethane-d4			<b>52.2</b>	50.0		104.3	72.2	131	05/24/2011
Surr: 4-Bromofluorobenzene			<b>53.2</b>	50.0		106.3	82.1	116	05/24/2011
Surr: Dibromofluoromethane			<b>52.8</b>	50.0		105.5	77.7	120	05/24/2011
Surr: Toluene-d8			<b>47.3</b>	50.0		94.7	86	116	05/24/2011



# Receiving Check List

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051087

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

**Report Date:** 01-Jun-11

Carrier: J. Blanton

Received By: JM

Completed by: *Marvin L. Darling II*  
On: 23-May-11  
Marvin L. Darling

Reviewed by: *Elizabeth A. Hurley*  
On: 24-May-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 15.8
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  
Columbia, IL 62236

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

1051087

COC Serial No. 10897

OF

Project Name: Champaign MGP Project Mgr.: P. SARAZAMA

Project Number: 624-0908-0120 Cost Code: 7000

Sampler(s): J. BLANTON

Laboratory Name: TEKLAB Location: COLLINSVILLE IL

Sample ID (depth)	Date	Time	Matrix					Total Number of Containers	Analyses by Method Name and Number							Comments (Field PID)	Lab ID #'s
			Soil	Water	Air	Wipes	Other *		VOL (8260)	SVOL (8270)	PAH (8270)	PCMA METALS	TOTAL AMMONIA	PCB'S	HERBICIDES		
P9-borrow #1	5/23/11	2:15	X					6	X	X	X	X	X	X	X		1051087-001
P9-borrow #2	5/23/11	2:30	X					6	X	X	X	X	X	X	X		002
P9-borrow #3	5/23/11	2:40	X					6	X	X	X	X	X	X	X		003
P9-topsoil/vet	5/23/11	2:50	X					6	X	X	X	X	X	X	X		004

Laboratory Temperature upon Receipt  


**Samples Iced:**  Yes  No

**Preservatives**

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

**Lab Directives:**

Requested TAT: RUSH  2-3 Days  STD  Other

E-mail and/or Mail Results to: P. SARAZAMA & L. HOSLER

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

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

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

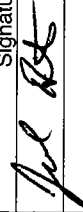
Reporting Limits: \_\_\_\_\_

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


**Shipping:**

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

**Relinquished by:**

Signature:  Date: 5/23/11 Time: 1610

**Received by:**

Signature:  Date: 5-23-11 Time: 1610

# ANALYTICAL REPORT

May 27, 2011

Work Order: 11E1203

Page 1 of 9

Report To
Heather White Teklab, Inc. 5445 Horseshoe Lake Road Collinsville, IL 62234

Work Order Information
Date Received: 05/24/2011 10:10AM Collector: Phone: (618) 344-1004 PO Number: 16701

Project : Subcontract - HW Project

Project Number: 11051087

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
<b>11E1203-01</b>	11051087-001			Matrix:Soil		Collected: 05/23/11 14:15	
Dalapon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
3,5-Dichlorobenzoic acid	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Dicamba	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Dichlorprop	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
2,4-D	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Pentachlorophenol	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
2,4,5-TP (Silvex)	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Chloramben	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
2,4,5-T	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
2,4-DB	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Bentazon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Picloram	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Dinoseb	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
DCPA	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Acifluorfen	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	73.0 %			24-140	EPP	05/26/11 17:46	
<b>% Solids</b>	<b>90.2 %</b>	<b>0.1</b>	1E12451	SM 2540 G	MAV	05/25/11 8:05	
<b>11E1203-02</b>	11051087-002			Matrix:Soil		Collected: 05/23/11 14:30	
Dalapon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
3,5-Dichlorobenzoic acid	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
Dicamba	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
Dichlorprop	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
2,4-D	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
Pentachlorophenol	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
2,4,5-TP (Silvex)	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	

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Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

May 27, 2011  
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**Work Order: 11E1203**

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
<b>11E1203-02</b>	11051087-002			Matrix:Soil		Collected: 05/23/11 14:30	
Chloramben	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
2,4,5-T	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
2,4-DB	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
Bentazon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
Picloram	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
Dinoseb	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
DCPA	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
Acifluorfen	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	77.6 %			24-140	EPP	05/26/11 18:33	
<b>% Solids</b>	<b>87.4 %</b>	<b>0.1</b>	1E12451	SM 2540 G	MAV	05/25/11 8:05	

<b>11E1203-03</b>	11051087-003			Matrix:Soil		Collected: 05/23/11 14:40	
Dalapon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
3,5-Dichlorobenzoic acid	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Dicamba	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Dichlorprop	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
2,4-D	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Pentachlorophenol	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
2,4,5-TP (Silvex)	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Chloramben	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
2,4,5-T	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
2,4-DB	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Bentazon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Picloram	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Dinoseb	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
DCPA	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Acifluorfen	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	85.3 %			24-140	EPP	05/26/11 19:20	
<b>% Solids</b>	<b>79.9 %</b>	<b>0.1</b>	1E12451	SM 2540 G	MAV	05/25/11 8:05	

<b>11E1203-04</b>	11051087-004			Matrix:Soil		Collected: 05/23/11 14:50	
Dalapon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
3,5-Dichlorobenzoic acid	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Dicamba	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Dichlorprop	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
2,4-D	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Pentachlorophenol	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
2,4,5-TP (Silvex)	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Chloramben	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	

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Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

May 27, 2011  
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Work Order: 11E1203

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
<b>11E1203-04</b>	11051087-004			Matrix:Soil		Collected: 05/23/11 14:50	
2,4,5-T	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
2,4-DB	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Bentazon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Picloram	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Dinoseb	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
DCPA	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Acifluorfen	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Surrogate: 2,5-Dichlorobenzoic Acid	94.7 %			24-140	EPP	05/26/11 20:08	
<b>% Solids</b>	<b>83.1 %</b>	<b>0.1</b>	1E12451	SM 2540 G	MAV	05/25/11 8:05	

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Collinsville, IL 62234

May 27, 2011  
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Work Order: 11E1203

**Determination of Chlorinated Phenoxy Herbicides - Quality Control**  
**Keystone Laboratories, Inc. - Newton**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1E12456 - EPA 8151A**

**Blank (1E12456-BLK1)**

Prepared: 05/24/11 Analyzed: 05/26/11

<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	0.0473		mg/kg wet	0.0760000		62.3	24-140			
Dalapon	ND	0.05	"							
3,5-Dichlorobenzoic acid	ND	0.05	"							
Dicamba	ND	0.05	"							
Dichlorprop	ND	0.05	"							
2,4-D	ND	0.05	"							
Pentachlorophenol	ND	0.05	"							
2,4,5-TP (Silvex)	ND	0.05	"							
Chloramben	ND	0.05	"							
2,4,5-T	ND	0.05	"							
2,4-DB	ND	0.05	"							
Bentazon	ND	0.05	"							
Picloram	ND	0.05	"							
Dinoseb	ND	0.05	"							
DCPA	ND	0.05	"							
Acifluorfen	ND	0.05	"							

**LCS (1E12456-BS1)**

Prepared: 05/24/11 Analyzed: 05/26/11

<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	0.0597		mg/kg wet	0.0760000		78.5	24-140			
Dalapon	0.125	0.05	"	0.208000		60.3	10-93			
3,5-Dichlorobenzoic acid	0.018	0.05	"	0.0160000		110	53-129			
Dicamba	0.014	0.05	"	0.0160000		84.4	38-123			
Dichlorprop	0.047	0.05	"	0.0480000		97.2	31-127			
2,4-D	0.028	0.05	"	0.0320000		88.5	23-127			
Pentachlorophenol	0.015	0.05	"	0.0160000		95.8	10-93			QS-01
2,4,5-TP (Silvex)	0.015	0.05	"	0.0160000		93.7	35-116			
Chloramben	0.018	0.05	"	0.0160000		112	10-94			QS-02
2,4,5-T	0.014	0.05	"	0.0160000		84.4	26-104			
2,4-DB	0.137	0.05	"	0.128000		107	42-122			
Bentazon	0.029	0.05	"	0.0320000		91.7	42-133			
Picloram	0.014	0.05	"	0.0160000		86.5	19-157			
Dinoseb	0.019	0.05	"	0.0320000		58.9	10-90			
DCPA	0.013	0.05	"	0.0160000		79.2	10-117			
Acifluorfen	0.014	0.05	"	0.0160000		88.5	24-113			

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Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

May 27, 2011  
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Work Order: 11E1203

## Determination of Chlorinated Phenoxy Herbicides - Quality Control

### Keystone Laboratories, Inc. - Newton

Analyte	Reporting		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	Result	Limit								

#### Batch 1E12456 - EPA 8151A

**Matrix Spike (1E12456-MS1)** Source: 11E1093-01 Prepared: 05/24/11 Analyzed: 05/26/11

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	0.0689		mg/kg wet	0.0757224		91.0	24-140			
Dalapon	0.196	0.05	"	0.207240	ND	94.5	19-156			
3,5-Dichlorobenzoic acid	0.015	0.05	"	0.0159416	ND	95.8	38.9-181			
Dicamba	0.017	0.05	"	0.0159416	ND	105	40-153			
Dichlorprop	0.045	0.05	"	0.0478246	ND	93.1	19.6-138			
2,4-D	0.035	0.05	"	0.0318831	ND	109	10-146			
Pentachlorophenol	0.017	0.05	"	0.0159416	ND	104	16-127			
2,4,5-TP (Silvex)	0.015	0.05	"	0.0159416	ND	92.7	31.2-159			
Chloramben	0.016	0.05	"	0.0159416	ND	103	10-133			
2,4,5-T	0.013	0.05	"	0.0159416	ND	84.4	16.4-152			
2,4-DB	0.198	0.05	"	0.127532	ND	155	35.3-156			
Bentazon	0.030	0.05	"	0.0318831	ND	94.8	10-150			
Picloram	0.015	0.05	"	0.0159416	ND	94.8	45-146			
Dinoseb	0.014	0.05	"	0.0318831	ND	45.3	10-90			
DCPA	0.014	0.05	"	0.0159416	ND	88.5	10-151			
Acifluorfen	0.018	0.05	"	0.0159416	ND	110	10-161			

**Matrix Spike Dup (1E12456-MSD1)** Source: 11E1093-01 Prepared: 05/24/11 Analyzed: 05/26/11

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	0.0837		mg/kg wet	0.0758483		110	24-140			
Dalapon	0.209	0.05	"	0.207585	ND	100	19-156	6.33	30	
3,5-Dichlorobenzoic acid	0.015	0.05	"	0.0159681	ND	92.7	38.9-181	3.15	30	
Dicamba	0.020	0.05	"	0.0159681	ND	127	40-153	19.0	30	
Dichlorprop	0.045	0.05	"	0.0479042	ND	93.4	19.6-138	0.539	30	
2,4-D	0.037	0.05	"	0.0319361	ND	116	10-146	6.20	30	
Pentachlorophenol	0.017	0.05	"	0.0159681	ND	104	16-127	0.166	30	
2,4,5-TP (Silvex)	0.015	0.05	"	0.0159681	ND	95.8	31.2-159	3.48	30	
Chloramben	0.012	0.05	"	0.0159681	ND	76.0	10-133	30.1	30	QR-02
2,4,5-T	0.015	0.05	"	0.0159681	ND	92.7	16.4-152	9.58	30	
2,4-DB	0.175	0.05	"	0.127744	ND	137	35.3-156	12.3	30	
Bentazon	0.031	0.05	"	0.0319361	ND	96.9	10-150	2.34	30	
Picloram	0.014	0.05	"	0.0159681	ND	88.5	45-146	6.65	30	
Dinoseb	0.017	0.05	"	0.0319361	ND	54.7	10-90	18.9	30	
DCPA	0.015	0.05	"	0.0159681	ND	93.8	10-151	5.88	30	
Acifluorfen	0.018	0.05	"	0.0159681	ND	111	10-161	1.11	30	

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Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

May 27, 2011  
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Work Order: 11E1203

**Determination of Chlorinated Phenoxy Herbicides - Quality Control**  
**Keystone Laboratories, Inc. - Newton**

Analyte	Reporting		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	Result	Limit								
<b>Batch 1E12456 - EPA 8151A</b>										
<b>Reference (1E12456-SRM1)</b>				Prepared: 05/24/11 Analyzed: 05/26/11						
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	0.0727		mg/kg wet	0.0760000		95.6	24-140			
Dalapon	0.196	0.05	"	0.208000		94.1	70-130			
3,5-Dichlorobenzoic acid	0.016	0.05	"	0.0160000		101	70-130			
Dicamba	0.016	0.05	"	0.0160000		101	70-130			
Dichlorprop	0.046	0.05	"	0.0480000		95.1	70-130			
2,4-D	0.032	0.05	"	0.0320000		102	70-130			
Pentachlorophenol	0.017	0.05	"	0.0160000		108	70-130			
2,4,5-TP (Silvex)	0.016	0.05	"	0.0160000		103	70-130			
Chloramben	0.016	0.05	"	0.0160000		102	70-130			
2,4,5-T	0.016	0.05	"	0.0160000		102	70-130			
2,4-DB	0.176	0.05	"	0.128000		138	70-130			QR-05
Bentazon	0.035	0.05	"	0.0320000		110	70-130			
Picloram	0.015	0.05	"	0.0160000		92.7	70-130			
Dinoseb	0.046	0.05	"	0.0320000		144	70-130			QR-05
DCPA	0.012	0.05	"	0.0160000		78.1	70-130			
Acifluorfen	0.015	0.05	"	0.0160000		91.7	70-130			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL = Method Reporting Limit.

Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

May 27, 2011  
Page 7 of 9

Work Order: 11E1203

**Determination of Conventional Chemistry Parameters - Quality Control**  
**Keystone Laboratories, Inc. - Newton**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1E12451 - Wet Chem Preparation</b>										
<b>Duplicate (1E12451-DUP1)</b>		<b>Source: 11E1203-04</b>			Prepared: 05/24/11		Analyzed: 05/25/11			
% Solids	83.1	0.1	%		83.1			0.0120	20	

ND = Non Detect; REC= Recovery; RPD= Relative Percent Difference

**Certified Analyses included in this Report**

Method/Matrix	Analyte	Certifications
<b>EPA 8151A in Soil</b>		
	Dalapon	KS-NT,NELAC
	Dicamba	KS-NT,NELAC,SIA1X
	Dichlorprop	NELAC
	2,4-D	KS-NT,NELAC,SIA1X
	2,4,5-TP (Silvex)	KS-NT,NELAC,SIA1X
	2,4,5-T	KS-NT,NELAC
	2,4-DB	NELAC
	Picloram	KS-NT,NELAC
	Dinoseb	KS-NT,NELAC
	Acifluorfen	SIA1X
<b>SM 2540 G in Soil</b>		
	% Solids	SIA1X

Code	Description	Number	Expires
KS-KC	Kansas Department of Health and Environment-KC	E-10110	04/30/2012
KS-NT	Kansas Department of Health and Environment	E-10287	10/30/2011
NELAC	New Jersey Department of Environmental Protection	IA001	06/30/2011
SIA1X	Iowa Department of Natural Resources	95	02/01/2012

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Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

May 27, 2011  
Page 8 of 9

**Work Order: 11E1203**

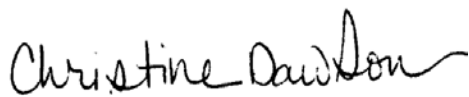
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**Notes and Definitions**

- QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- QR-05 The reference standard was outside of established control limits. The batch was accepted based on acceptable LCS, MS/MSD and RPD results.
- QS-01 The blank spike recovery and/or blank spike duplicate recovery were outside the established acceptance limits. Batch was accepted based on acceptable MS/MSD/RPD results.
- QS-02 The spike recovery for this QC sample exceeded established acceptance limits. However, all samples were below the reporting and/or regulatory limit so the data is acceptable.

---

End of Report



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Keystone Laboratories, Inc.

Christine Dawson  
Project Manager



Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

May 27, 2011  
Page 9 of 9

Work Order: 11E1203

11E1203

Print Form Pg. \_\_\_ of \_\_\_

**Teklab Chain of Custody**

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

Are the samples chilled?  Yes  No with:  Ice  Blue Ice Preserved in  Lab  Field

Teklab Inc. Cooler Temp  Sampler Client  QC Level Level 3

5445 Horseshoe Lake Road IL 62234

Collinsville Project # 11051087

Comments Please analyze for Herbicides per the below stated method and a due date of 5/24/11 if possible. Level 3 to include batch QC, blank and LCS.

Contact Heather White e-Mail hwhite@teklabinclab.com Phone 618-344-1004 x20 Requested Due Date 5/24/11 Billing/PO 16701

**Please note:**  
NELAP accreditation is required on the requested analytes, and it must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes please contact Teklab immediately.

Sample ID	Sample Date/Time	Preservative	Matrix															
11051087-001	5/23/11 1415	Unpres	Soil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	01
11051087-002	5/23/11 1430	Unpres	Soil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	02
11051087-003	5/23/11 1440	Unpres	Soil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	03
11051087-004	5/23/11 1450	Unpres	Soil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	04
		Unpres		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Unpres		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Unpres		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Unpres		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Relinquished By	Date/Time	Received By	Date/Time
Marvin A. Dalling II	5/23/11 1800	Ym. Mani	5/24/11 10:10 AM

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL = Method Reporting Limit.

June 01, 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:** 11051021

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 5/20/2011 4:41:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

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

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

Sincerely,



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



## Report Contents

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051021

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

**Report Date:** 01-Jun-11

**This reporting package includes the following:**

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	4
Laboratory Results	5
Sample Summary	15
Dates Report	16
Quality Control Results	17
Receiving Check List	32
Chain of Custody	Appended

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051021

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

**Report Date:** 01-Jun-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:** 11051021

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

**Report Date:** 01-Jun-11

**Cooler Receipt Temp:** 4.6 °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: 11051021

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

Report Date: 01-Jun-11

Lab ID: 11051021-001

Client Sample ID: P9-G1-W (3)

Matrix: SOLID

Collection Date: 05/19/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		22.6	%	1	05/23/2011 13:15	R149818
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		77.4	%	1	05/23/2011 13:15	R149791
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		2.79		< 2.79	mg/Kg-dry	4	05/27/2011 8:19	R150013
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	2.79	J	2.4	mg/Kg-dry	4	05/27/2011 8:19	R150013
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		10.7	mg/Kg-dry	1	05/25/2011 19:34	68411
Barium	NELAP	0.49	B	148	mg/Kg-dry	1	05/25/2011 19:34	68411
Cadmium	NELAP	0.20		0.23	mg/Kg-dry	1	05/25/2011 19:34	68411
Chromium	NELAP	0.98		20.5	mg/Kg-dry	1	05/25/2011 19:34	68411
Lead	NELAP	3.92		26.2	mg/Kg-dry	1	05/25/2011 19:34	68411
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	05/25/2011 19:34	68411
<i>Ba - Sample result was more than 10 times the blank contamination. Data is reportable.</i>								
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	1.20		< 1.20	mg/Kg-dry	2	05/30/2011 18:31	68502
<i>Se - Elevated reporting limit due to matrix interference.</i>								
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012		0.028	mg/Kg-dry	1	05/26/2011 0:00	68458
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	05/26/2011 14:44	68374
Acenaphthylene	NELAP	0.004		0.005	mg/Kg-dry	1	05/26/2011 14:44	68374
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/26/2011 14:44	68374
Benzo(a)anthracene	NELAP	0.004		0.012	mg/Kg-dry	1	05/26/2011 14:44	68374
Benzo(a)pyrene	NELAP	0.004		0.009	mg/Kg-dry	1	05/26/2011 14:44	68374
Benzo(b)fluoranthene	NELAP	0.004		0.015	mg/Kg-dry	1	05/26/2011 14:44	68374
Benzo(g,h,i)perylene	NELAP	0.004		0.009	mg/Kg-dry	1	05/26/2011 14:44	68374
Benzo(k)fluoranthene	NELAP	0.004		0.006	mg/Kg-dry	1	05/26/2011 14:44	68374
Bis(2-ethylhexyl)phthalate	NELAP	0.086		ND	mg/Kg-dry	1	05/26/2011 14:44	68374
Chrysene	NELAP	0.004		0.008	mg/Kg-dry	1	05/26/2011 14:44	68374
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/26/2011 14:44	68374
Fluoranthene	NELAP	0.004		0.011	mg/Kg-dry	1	05/26/2011 14:44	68374
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	05/26/2011 14:44	68374
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.007	mg/Kg-dry	1	05/26/2011 14:44	68374
Naphthalene	NELAP	0.004	J	0.004	mg/Kg-dry	1	05/26/2011 14:44	68374
Phenanthrene	NELAP	0.004		0.007	mg/Kg-dry	1	05/26/2011 14:44	68374
Pyrene	NELAP	0.004		0.014	mg/Kg-dry	1	05/26/2011 14:44	68374
Surr: 2-Fluorobiphenyl		10-131		67.1	%REC	1	05/26/2011 14:44	68374
Surr: Nitrobenzene-d5		10-132		71.0	%REC	1	05/26/2011 14:44	68374
Surr: p-Terphenyl-d14		80.2-138		97.9	%REC	1	05/26/2011 14:44	68374
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
1,2-Dichlorobenzene	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
1,3-Dichlorobenzene	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
1,4-Dichlorobenzene	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373

Client: PSC Industrial Outsourcing, LP

Work Order: 11051021

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

Report Date: 01-Jun-11

Lab ID: 11051021-001

Client Sample ID: P9-G1-W (3)

Matrix: SOLID

Collection Date: 05/19/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
2,4,6-Trichlorophenol	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
2,4-Dichlorophenol	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
2,4-Dimethylphenol	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
2,4-Dinitrophenol	NELAP	1.29		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
2,4-Dinitrotoluene	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
2,6-Dinitrotoluene	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
2-Chloronaphthalene	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
2-Chlorophenol	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
2-Methoxy-4-methylphenol		0.838		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
2-Methylnaphthalene	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
2-Nitroaniline	NELAP	1.29		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
2-Nitrophenol	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
3,3'-Dichlorobenzidine	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
3-Nitroaniline	NELAP	1.29		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
4,6-Dinitro-2-methylphenol	NELAP	1.29		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
4-Bromophenyl phenyl ether	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
4-Chloro-3-methylphenol	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
4-Chloroaniline	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
4-Chlorophenyl phenyl ether	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
4-Nitroaniline	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
4-Nitrophenol	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Aniline	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Azobenzene		0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Benzidine	NELAP	1.36		see note	mg/Kg-dry	1	05/25/2011 12:40	68373
Benzoic acid	NELAP	1.93		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Benzyl alcohol	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Bis(2-chloroethoxy)methane	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Bis(2-chloroethyl)ether	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Bis(2-chloroisopropyl)ether	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Butyl benzyl phthalate	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Carbazole		0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Dibenzofuran	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Diethyl phthalate	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Dimethyl phthalate	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Di-n-butyl phthalate	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Di-n-octyl phthalate	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Hexachlorobenzene	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Hexachlorobutadiene	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Hexachlorocyclopentadiene	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Hexachloroethane	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Isophorone	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
m,p-Cresol	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Nitrobenzene	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
N-Nitrosodimethylamine	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
N-Nitroso-di-n-propylamine	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
N-Nitrosodiphenylamine	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373

Client: PSC Industrial Outsourcing, LP

Work Order: 11051021

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

Report Date: 01-Jun-11

Lab ID: 11051021-001

Client Sample ID: P9-G1-W (3)

Matrix: SOLID

Collection Date: 05/19/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
o-Cresol	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Pentachlorophenol	NELAP	2.58		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Phenol	NELAP	0.451		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Pyridine	NELAP	0.644		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
1,2-Diphenylhydrazine		1.08		ND	mg/Kg-dry	1	05/25/2011 12:40	68373
Surr: 2,4,6-Tribromophenol		32.7-130		84.5	%REC	1	05/25/2011 12:40	68373
Surr: 2-Fluorobiphenyl		34.1-116		55.1	%REC	1	05/25/2011 12:40	68373
Surr: 2-Fluorophenol		30.5-99		59.3	%REC	1	05/25/2011 12:40	68373
Surr: Nitrobenzene-d5		34.1-101		50.4	%REC	1	05/25/2011 12:40	68373
Surr: Phenol-d5		34.9-110		60.6	%REC	1	05/25/2011 12:40	68373
Surr: p-Terphenyl-d14		41.7-124		66.7	%REC	1	05/25/2011 12:40	68373
<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	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,1,1-Trichloroethane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,1,2,2-Tetrachloroethane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,1,2-Trichloro-1,2,2-trifluoroethane		4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,1,2-Trichloroethane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,1-Dichloro-2-propanone		46.8		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,1-Dichloroethane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,1-Dichloroethene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,1-Dichloropropene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,2,3-Trichlorobenzene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,2,3-Trichloropropane	NELAP	9.4		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,2,3-Trimethylbenzene		4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,2,4-Trichlorobenzene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,2,4-Trimethylbenzene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,2-Dibromo-3-chloropropane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,2-Dibromoethane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,2-Dichlorobenzene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,2-Dichloroethane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,2-Dichloropropane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,3,5-Trimethylbenzene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,3-Dichlorobenzene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,3-Dichloropropane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1,4-Dichlorobenzene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
1-Chlorobutane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
2,2-Dichloropropane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
2-Butanone	NELAP	46.8	J	10	µg/Kg-dry	1	05/24/2011 12:36	68412
2-Chlorotoluene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
2-Hexanone	NELAP	46.8		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
2-Nitropropane	NELAP	46.8		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
4-Chlorotoluene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
4-Methyl-2-pentanone	NELAP	46.8		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Acetone	NELAP	46.8	J	46	µg/Kg-dry	1	05/24/2011 12:36	68412
Acrolein	NELAP	93.5		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Acrylonitrile	NELAP	9.4		ND	µg/Kg-dry	1	05/24/2011 12:36	68412

Client: PSC Industrial Outsourcing, LP

Work Order: 11051021

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

Report Date: 01-Jun-11

Lab ID: 11051021-001

Client Sample ID: P9-G1-W (3)

Matrix: SOLID

Collection Date: 05/19/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Allyl chloride	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Benzene	NELAP	0.9		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Bromobenzene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Bromochloromethane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Bromodichloromethane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Bromoform	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Bromomethane	NELAP	9.4		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Carbon disulfide	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Carbon tetrachloride	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Chlorobenzene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Chloroethane	NELAP	9.4		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Chloroform	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Chloromethane	NELAP	9.4		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
cis-1,2-Dichloroethene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
cis-1,3-Dichloropropene	NELAP	3.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Cyclohexanone		93.5		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Dibromochloromethane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Dibromomethane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Dichlorodifluoromethane	NELAP	9.4		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Ethyl acetate	NELAP	46.8		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Ethyl ether	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Ethyl methacrylate	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Ethylbenzene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Heptane		18.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Hexachlorobutadiene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Hexachloroethane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Iodomethane	NELAP	9.4		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Isopropylbenzene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
m,p-Xylenes	NELAP	4.7	J	1.3	µg/Kg-dry	1	05/24/2011 12:36	68412
Methacrylonitrile	NELAP	46.8		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Methyl Methacrylate	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Methyl tert-butyl ether	NELAP	1.9		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Methylacrylate		9.4		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Methylene chloride	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Naphthalene	NELAP	9.4		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
n-Butylbenzene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
n-Hexane		18.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Nitrobenzene	NELAP	93.5		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
n-Propylbenzene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
o-Xylene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Pentachloroethane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
p-Isopropyltoluene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Propionitrile	NELAP	46.8		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
sec-Butylbenzene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Styrene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
tert-Butylbenzene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Tetrachloroethene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051021

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

**Report Date:** 01-Jun-11

**Lab ID:** 11051021-001

**Client Sample ID:** P9-G1-W (3)

**Matrix:** SOLID

**Collection Date:** 05/19/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Tetrahydrofuran	NELAP	46.8		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Toluene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
trans-1,2-Dichloroethene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
trans-1,3-Dichloropropene	NELAP	3.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Trichloroethene	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Trichlorofluoromethane	NELAP	4.7		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Vinyl acetate	NELAP	46.8		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Vinyl chloride	NELAP	1.9		ND	µg/Kg-dry	1	05/24/2011 12:36	68412
Surr: 1,2-Dichloroethane-d4		72.2-131		112.1	%REC	1	05/24/2011 12:36	68412
Surr: 4-Bromofluorobenzene		82.1-116		109.1	%REC	1	05/24/2011 12:36	68412
Surr: Dibromofluoromethane		77.7-120		109.3	%REC	1	05/24/2011 12:36	68412
Surr: Toluene-d8		86-116		95.3	%REC	1	05/24/2011 12:36	68412

Client: PSC Industrial Outsourcing, LP

Work Order: 11051021

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

Report Date: 01-Jun-11

Lab ID: 11051021-002

Client Sample ID: P9-G1-W (8)

Matrix: SOLID

Collection Date: 05/19/2011 9:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		18.8	%	1	05/23/2011 13:15	R149818
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		81.2	%	1	05/23/2011 13:15	R149791
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		2.46		Interference	mg/Kg-dry	4	05/25/2011 8:46	R149937
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	2.46		4.66	mg/Kg-dry	4	05/25/2011 8:46	R149937
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		9.38	mg/Kg-dry	1	05/25/2011 19:40	68411
Barium	NELAP	0.49	B	65.3	mg/Kg-dry	1	05/25/2011 19:40	68411
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	05/25/2011 19:40	68411
Chromium	NELAP	0.98		19.8	mg/Kg-dry	1	05/25/2011 19:40	68411
Lead	NELAP	3.92		11.0	mg/Kg-dry	1	05/25/2011 19:40	68411
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	05/25/2011 19:40	68411
<i>Ba - Sample result was more than 10 times the blank contamination. Data is reportable.</i>								
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.545		< 0.545	mg/Kg-dry	1	05/27/2011 14:46	68502
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012		0.013	mg/Kg-dry	1	05/26/2011 0:00	68458
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		0.081	mg/Kg-dry	1	05/25/2011 8:55	68374
Acenaphthylene	NELAP	0.004		0.031	mg/Kg-dry	1	05/25/2011 8:55	68374
Anthracene	NELAP	0.004		0.044	mg/Kg-dry	1	05/25/2011 8:55	68374
Benzo(a)anthracene	NELAP	0.004		0.024	mg/Kg-dry	1	05/25/2011 8:55	68374
Benzo(a)pyrene	NELAP	0.004		0.017	mg/Kg-dry	1	05/25/2011 8:55	68374
Benzo(b)fluoranthene	NELAP	0.004		0.015	mg/Kg-dry	1	05/25/2011 8:55	68374
Benzo(g,h,i)perylene	NELAP	0.004		0.008	mg/Kg-dry	1	05/25/2011 8:55	68374
Benzo(k)fluoranthene	NELAP	0.004		0.007	mg/Kg-dry	1	05/25/2011 8:55	68374
Bis(2-ethylhexyl)phthalate	NELAP	0.082		ND	mg/Kg-dry	1	05/25/2011 8:55	68374
Chrysene	NELAP	0.004		0.024	mg/Kg-dry	1	05/25/2011 8:55	68374
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/25/2011 8:55	68374
Fluoranthene	NELAP	0.004		0.053	mg/Kg-dry	1	05/25/2011 8:55	68374
Fluorene	NELAP	0.004		0.091	mg/Kg-dry	1	05/25/2011 8:55	68374
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.007	mg/Kg-dry	1	05/25/2011 8:55	68374
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	05/25/2011 8:55	68374
Phenanthrene	NELAP	0.004		0.019	mg/Kg-dry	1	05/25/2011 8:55	68374
Pyrene	NELAP	0.004		0.089	mg/Kg-dry	1	05/25/2011 8:55	68374
Surr: 2-Fluorobiphenyl		10-131		59.5	%REC	1	05/25/2011 8:55	68374
Surr: Nitrobenzene-d5		10-132		51.5	%REC	1	05/25/2011 8:55	68374
Surr: p-Terphenyl-d14		80.2-138		101.6	%REC	1	05/25/2011 8:55	68374
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
1,2-Dichlorobenzene	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
1,3-Dichlorobenzene	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
1,4-Dichlorobenzene	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
2,4,5-Trichlorophenol	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373

Client: PSC Industrial Outsourcing, LP

Work Order: 11051021

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

Report Date: 01-Jun-11

Lab ID: 11051021-002

Client Sample ID: P9-G1-W (8)

Matrix: SOLID

Collection Date: 05/19/2011 9:05

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	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
2,4-Dichlorophenol	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
2,4-Dimethylphenol	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
2,4-Dinitrophenol	NELAP	1.22		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
2,4-Dinitrotoluene	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
2,6-Dinitrotoluene	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
2-Chloronaphthalene	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
2-Chlorophenol	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
2-Methoxy-4-methylphenol		0.793		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
2-Methylnaphthalene	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
2-Nitroaniline	NELAP	1.22		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
2-Nitrophenol	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
3,3'-Dichlorobenzidine	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
3-Nitroaniline	NELAP	1.22		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
4,6-Dinitro-2-methylphenol	NELAP	1.22		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
4-Bromophenyl phenyl ether	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
4-Chloro-3-methylphenol	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
4-Chloroaniline	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
4-Chlorophenyl phenyl ether	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
4-Nitroaniline	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
4-Nitrophenol	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Aniline	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Azobenzene		0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Benzidine	NELAP	1.29		see note	mg/Kg-dry	1	05/25/2011 13:12	68373
Benzoic acid	NELAP	1.83		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Benzyl alcohol	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Bis(2-chloroethoxy)methane	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Bis(2-chloroethyl)ether	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Bis(2-chloroisopropyl)ether	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Butyl benzyl phthalate	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Carbazole		0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Dibenzofuran	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Diethyl phthalate	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Dimethyl phthalate	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Di-n-butyl phthalate	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Di-n-octyl phthalate	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Hexachlorobenzene	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Hexachlorobutadiene	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Hexachlorocyclopentadiene	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Hexachloroethane	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Isophorone	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
m,p-Cresol	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Nitrobenzene	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
N-Nitrosodimethylamine	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
N-Nitroso-di-n-propylamine	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
N-Nitrosodiphenylamine	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
o-Cresol	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373

Client: PSC Industrial Outsourcing, LP

Work Order: 11051021

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

Report Date: 01-Jun-11

Lab ID: 11051021-002

Client Sample ID: P9-G1-W (8)

Matrix: SOLID

Collection Date: 05/19/2011 9:05

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	2.44		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Phenol	NELAP	0.427		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Pyridine	NELAP	0.610		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
1,2-Diphenylhydrazine		1.02		ND	mg/Kg-dry	1	05/25/2011 13:12	68373
Surr: 2,4,6-Tribromophenol		32.7-130		96.5	%REC	1	05/25/2011 13:12	68373
Surr: 2-Fluorobiphenyl		34.1-116		59.1	%REC	1	05/25/2011 13:12	68373
Surr: 2-Fluorophenol		30.5-99		60.5	%REC	1	05/25/2011 13:12	68373
Surr: Nitrobenzene-d5		34.1-101		51.2	%REC	1	05/25/2011 13:12	68373
Surr: Phenol-d5		34.9-110		62.3	%REC	1	05/25/2011 13:12	68373
Surr: p-Terphenyl-d14		41.7-124		70.8	%REC	1	05/25/2011 13:12	68373

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	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,1,1-Trichloroethane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,1,2,2-Tetrachloroethane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,1,2-Trichloro-1,2,2-trifluoroethane		219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,1,2-Trichloroethane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,1-Dichloro-2-propanone		2190		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,1-Dichloroethane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,1-Dichloroethene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,1-Dichloropropene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,2,3-Trichlorobenzene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,2,3-Trichloropropane	NELAP	437		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,2,3-Trimethylbenzene		219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,2,4-Trichlorobenzene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,2,4-Trimethylbenzene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,2-Dibromo-3-chloropropane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,2-Dibromoethane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,2-Dichlorobenzene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,2-Dichloroethane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,2-Dichloropropane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,3,5-Trimethylbenzene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,3-Dichlorobenzene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,3-Dichloropropane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1,4-Dichlorobenzene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
1-Chlorobutane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
2,2-Dichloropropane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
2-Butanone	NELAP	2190		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
2-Chlorotoluene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
2-Hexanone	NELAP	2190		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
2-Nitropropane	NELAP	2190		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
4-Chlorotoluene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
4-Methyl-2-pentanone	NELAP	2190		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Acetone	NELAP	2190		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Acrolein	NELAP	4370		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Acrylonitrile	NELAP	437		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Allyl chloride	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412



Client: PSC Industrial Outsourcing, LP

Work Order: 11051021

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

Report Date: 01-Jun-11

Lab ID: 11051021-002

Client Sample ID: P9-G1-W (8)

Matrix: SOLID

Collection Date: 05/19/2011 9:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	43.7		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Bromobenzene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Bromochloromethane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Bromodichloromethane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Bromoform	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Bromomethane	NELAP	437		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Carbon disulfide	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Carbon tetrachloride	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Chlorobenzene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Chloroethane	NELAP	437		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Chloroform	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Chloromethane	NELAP	437		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
cis-1,2-Dichloroethene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
cis-1,3-Dichloropropene	NELAP	175		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Cyclohexanone		4370		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Dibromochloromethane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Dibromomethane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Dichlorodifluoromethane	NELAP	437		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Ethyl acetate	NELAP	2190		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Ethyl ether	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Ethyl methacrylate	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Ethylbenzene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Heptane		874		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Hexachlorobutadiene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Hexachloroethane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Iodomethane	NELAP	437		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Isopropylbenzene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
m,p-Xylenes	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Methacrylonitrile	NELAP	2190		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Methyl Methacrylate	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Methyl tert-butyl ether	NELAP	87.4		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Methylacrylate		437		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Methylene chloride	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Naphthalene	NELAP	437		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
n-Butylbenzene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
n-Hexane		874		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Nitrobenzene	NELAP	4370		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
n-Propylbenzene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
o-Xylene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Pentachloroethane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
p-Isopropyltoluene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Propionitrile	NELAP	2190		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
sec-Butylbenzene	NELAP	219	J	68	µg/Kg-dry	25	05/24/2011 13:06	68412
Styrene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
tert-Butylbenzene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Tetrachloroethene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Tetrahydrofuran	NELAP	2190		ND	µg/Kg-dry	25	05/24/2011 13:06	68412



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051021

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

**Report Date:** 01-Jun-11

**Lab ID:** 11051021-002

**Client Sample ID:** P9-G1-W (8)

**Matrix:** SOLID

**Collection Date:** 05/19/2011 9:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Toluene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
trans-1,2-Dichloroethene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
trans-1,3-Dichloropropene	NELAP	175		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Trichloroethene	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Trichlorofluoromethane	NELAP	219		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Vinyl acetate	NELAP	2190		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Vinyl chloride	NELAP	87.4		ND	µg/Kg-dry	25	05/24/2011 13:06	68412
Surr: 1,2-Dichloroethane-d4		72.2-131		110.0	%REC	25	05/24/2011 13:06	68412
Surr: 4-Bromofluorobenzene		82.1-116		108.3	%REC	25	05/24/2011 13:06	68412
Surr: Dibromofluoromethane		77.7-120		106.9	%REC	25	05/24/2011 13:06	68412
Surr: Toluene-d8		86-116		93.0	%REC	25	05/24/2011 13:06	68412

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



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051021

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

**Report Date:** 01-Jun-11

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Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11051021-001	P9-G1-W (3)	Solid	5	05/19/2011 9:00
11051021-002	P9-G1-W (8)	Solid	5	05/19/2011 9:05

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## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051021

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

**Report Date:** 01-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11051021-001A	P9-G1-W (3)	05/19/2011 9:00	5/20/2011 4:41:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/23/2011 13:15
	Standard Methods 18th Ed. 2540 G			05/23/2011 13:15
	SW-846 9012A			05/27/2011 8:19
	SW-846 9012A (Total)			05/27/2011 8:19
11051021-001B	P9-G1-W (3)	05/19/2011 9:00	5/20/2011 4:41:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/24/2011 11:43	05/25/2011 19:34
	SW-846 3050B, Metals by GFAA		05/26/2011 11:45	05/30/2011 18:31
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 11:39	05/26/2011 14:44
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 16:34	05/25/2011 12:40
	SW-846 7471A		05/25/2011 13:19	05/26/2011 0:00
11051021-001E	P9-G1-W (3)	05/19/2011 9:00	5/20/2011 4:41:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/24/2011 12:36
11051021-002A	P9-G1-W (8)	05/19/2011 9:05	5/20/2011 4:41:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/23/2011 13:15
	Standard Methods 18th Ed. 2540 G			05/23/2011 13:15
	SW-846 9012A			05/25/2011 8:46
	SW-846 9012A (Total)			05/25/2011 8:46
11051021-002B	P9-G1-W (8)	05/19/2011 9:05	5/20/2011 4:41:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/24/2011 11:43	05/25/2011 19:40
	SW-846 3050B, Metals by GFAA		05/26/2011 11:24	05/27/2011 14:46
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 11:39	05/25/2011 8:55
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 16:34	05/25/2011 13:12
	SW-846 7471A		05/25/2011 13:19	05/26/2011 0:00
11051021-002E	P9-G1-W (8)	05/19/2011 9:05	5/20/2011 4:41:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/24/2011 13:06



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051021

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

**Report Date:** 01-Jun-11

### STANDARD METHODS 18TH ED. 2540 G

Batch R149791		SampType: LCS		Units %						
SampID: LCS-R149791										
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	05/23/2011	

Batch R149791		SampType: LCSQC		Units %						
SampID: LCSQC-R149791										
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	05/23/2011	

Batch R149791		SampType: DUP		Units %		RPD Limit 15				
SampID: 11051021-002ADUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Solids	0.1		80.6				81.23	0.75	05/23/2011	

### SW-846 9012A (TOTAL)

Batch R149937		SampType: MBLK		Units mg/Kg						
SampID: MB-R149937										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		< 0.01						05/25/2011	

Batch R149937		SampType: LCS		Units mg/Kg						
SampID: LCS-R149937										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		0.02	0.02	0	96.5	85	115	05/25/2011	

Batch R150013		SampType: MS		Units mg/Kg-dry						
SampID: 11051021-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	2.58		4.06	1.62	2.393	103.0	75	125	05/27/2011	

Batch R150013		SampType: MSD		Units mg/Kg-dry		RPD Limit 15				
SampID: 11051021-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide	2.58		3.88	1.62	2.393	92.1	4.057	4.45	05/27/2011	

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

Batch 68411		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-68411										
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	05/25/2011	
Barium	0.50	S	0.76	0.50	0	152.0	-100	100	05/25/2011	
Cadmium	0.20		< 0.20	0.20	0	0	-100	100	05/25/2011	
Chromium	1.00		< 1.00	1.00	0	0	-100	100	05/25/2011	
Lead	4.00		< 4.00	4.00	0	0	-100	100	05/25/2011	
Silver	0.55		< 0.55	0.55	0	0	-100	100	05/25/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051021

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

**Report Date:** 01-Jun-11

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

**Batch 68411**      **SampType: MBLK**      Units **mg/Kg-dry**

SampID: MB-68411

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
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**Batch 68411**      **SampType: LCS**      Units **mg/Kg-dry**

SampID: LCS-68411

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.50		<b>187</b>	200	0	93.4	85	115	05/25/2011
Barium	0.50	B	<b>197</b>	200	0	98.6	85	115	05/25/2011
Cadmium	0.20		<b>4.74</b>	5.00	0	94.8	85	115	05/25/2011
Chromium	1.00		<b>19.9</b>	20.0	0	99.3	85	115	05/25/2011
Lead	4.00		<b>47.1</b>	50.0	0	94.1	85	115	05/25/2011
Silver	0.55		<b>4.72</b>	5.00	0	94.4	85	115	05/25/2011

**Batch 68411**      **SampType: MS**      Units **mg/Kg-dry**

SampID: 11051021-002BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.45		<b>183</b>	196	9.382	88.7	75	125	05/25/2011
Barium	0.49	B	<b>236</b>	196	65.32	87.0	75	125	05/25/2011
Cadmium	0.20		<b>4.05</b>	4.90	0	82.6	75	125	05/25/2011
Chromium	0.98		<b>39.6</b>	19.6	19.78	101.2	75	125	05/25/2011
Lead	3.92		<b>51.4</b>	49.0	10.97	82.4	75	125	05/25/2011
Silver	0.54		<b>4.18</b>	4.90	0	85.2	75	125	05/25/2011

**Batch 68411**      **SampType: MSD**      Units **mg/Kg-dry**

SampID: 11051021-002BMSD

RPD Limit **20**

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic	2.45		<b>180</b>	196	9.382	87.2	183.2	1.62	05/25/2011
Barium	0.49	B	<b>237</b>	196	65.32	87.3	236.0	0.25	05/25/2011
Cadmium	0.20		<b>4.02</b>	4.90	0	82.0	4.049	0.73	05/25/2011
Chromium	0.98		<b>37.2</b>	19.6	19.78	88.7	39.63	6.41	05/25/2011
Lead	3.92		<b>49.8</b>	49.0	10.97	79.2	51.37	3.14	05/25/2011
Silver	0.54		<b>4.17</b>	4.90	0	85.0	4.176	0.24	05/25/2011

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

**Batch 68502**      **SampType: MBLK**      Units **mg/Kg-dry**

SampID: MB-68502

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Selenium	7740	0.600	<b>&lt; 0.600</b>	0.600	0	0	-100	100	05/27/2011

**Batch 68502**      **SampType: LCS**      Units **mg/Kg-dry**

SampID: LCS-68502

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Selenium	7740	0.600	<b>2.73</b>	3.00	0	90.8	80	120	05/27/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051021

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

**Report Date:** 01-Jun-11

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

Batch 68502		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11051021-001BMS										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Selenium	7740	1.20		3.37	3.00	0	112.2	70	130	05/30/2011

Batch 68502		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11051021-001BMSD										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Selenium	7740	1.20		3.46	3.00	0	115.5	3.366	2.88	05/30/2011

**SW-846 7471A**

Batch 68458		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68458										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Mercury		0.010		< 0.010	0.010	0	0	-100	100	05/26/2011

Batch 68458		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-68458										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Mercury		0.010		0.286	0.250	0	114.4	85	115	05/26/2011

Batch 68458		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11051021-001BMS										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Mercury		0.012		0.383	0.308	0.02769	115.4	75	125	05/26/2011

Batch 68458		SampType: MSD		Units mg/Kg-dry				RPD Limit 15		Date Analyzed
SampID: 11051021-001BMSD										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Mercury		0.012		0.383	0.308	0.02769	115.4	0.3828	0.00	05/26/2011

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

Batch 68373		SampType: MBLK		Units %REC						Date Analyzed
SampID: MB-68373										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Surr: 2-Fluorobiphenyl				0.551	0.835		66.0	46.3	106	05/24/2011
Surr: p-Terphenyl-d14				0.501	0.835		60.0	45.5	115	05/24/2011

Batch 68374		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68374										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Acenaphthene		0.003		ND						05/23/2011
Acenaphthylene		0.003		ND						05/23/2011
Anthracene		0.003		ND						05/23/2011
Benzo(a)anthracene		0.003		ND						05/23/2011
Benzo(a)pyrene		0.003		ND						05/23/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11051021

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

Report Date: 01-Jun-11

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

Batch 68374		SampType: MBLK		Units mg/Kg						
SampID: MB-68374										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzo(b)fluoranthene	0.003		ND						05/23/2011	
Benzo(g,h,i)perylene	0.003		ND						05/23/2011	
Benzo(k)fluoranthene	0.003		ND						05/23/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						05/23/2011	
Chrysene	0.003		ND						05/23/2011	
Dibenzo(a,h)anthracene	0.003		ND						05/23/2011	
Fluoranthene	0.003		ND						05/23/2011	
Fluorene	0.003		ND						05/23/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						05/23/2011	
Naphthalene	0.003		ND						05/23/2011	
Phenanthrene	0.003		ND						05/23/2011	
Pyrene	0.003		ND						05/23/2011	
Surr: 2-Fluorobiphenyl			0.117	0.167		70.1	45.7	89.2	05/23/2011	
Surr: Nitrobenzene-d5			0.135	0.167		80.8	31.4	100	05/23/2011	
Surr: p-Terphenyl-d14			0.174	0.167		104.0	53.3	124	05/23/2011	

Batch 68374		SampType: LCS		Units mg/Kg						
SampID: LCS-68374										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		0.126	0.167	0	75.4	56.3	115	05/23/2011	
Acenaphthylene	0.003		0.122	0.167	0	72.9	60.3	143	05/23/2011	
Anthracene	0.003		0.120	0.167	0	72.1	52.1	109	05/23/2011	
Benzo(a)anthracene	0.003		0.119	0.167	0	71.5	52.8	112	05/23/2011	
Benzo(a)pyrene	0.003		0.124	0.167	0	74.1	40.8	127	05/23/2011	
Benzo(b)fluoranthene	0.003		0.134	0.167	0	80.0	50.1	150	05/23/2011	
Benzo(g,h,i)perylene	0.003		0.132	0.167	0	79.2	52.8	145	05/23/2011	
Benzo(k)fluoranthene	0.003		0.131	0.167	0	78.6	52	153	05/23/2011	
Bis(2-ethylhexyl)phthalate	0.067		0.156	0.167	0	93.2	50	150	05/23/2011	
Chrysene	0.003		0.128	0.167	0	76.6	60.8	128	05/23/2011	
Dibenzo(a,h)anthracene	0.003		0.136	0.167	0	81.6	54.9	150	05/23/2011	
Fluoranthene	0.003		0.128	0.167	0	76.6	58.7	125	05/23/2011	
Fluorene	0.003		0.120	0.167	0	72.1	57.8	125	05/23/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.136	0.167	0	81.2	52	147	05/23/2011	
Naphthalene	0.003		0.118	0.167	0	70.7	54.8	113	05/23/2011	
Phenanthrene	0.003		0.119	0.167	0	71.3	60.4	121	05/23/2011	
Pyrene	0.003		0.128	0.167	0	76.8	57.9	129	05/23/2011	
Surr: 2-Fluorobiphenyl			0.107	0.167		64.1	45.7	89.2	05/23/2011	
Surr: Nitrobenzene-d5			0.116	0.167		69.7	31.4	100	05/23/2011	
Surr: p-Terphenyl-d14			0.159	0.167		95.2	53.3	124	05/23/2011	

Batch 68374		SampType: MS		Units mg/Kg-dry						
SampID: 11051021-002BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.004		0.258	0.205	0.08053	86.6	36	135	05/25/2011	
Acenaphthylene	0.004		0.231	0.205	0.03091	97.7	17.2	167	05/25/2011	
Anthracene	0.004		0.224	0.205	0.04352	88.1	39.3	124	05/25/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051021

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

**Report Date:** 01-Jun-11

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

Batch 68374		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11051021-002BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzo(a)anthracene	0.004		<b>0.206</b>	0.205	0.02440	88.5	10	183	05/25/2011	
Benzo(a)pyrene	0.004		<b>0.209</b>	0.205	0.01749	93.7	10	204	05/25/2011	
Benzo(b)fluoranthene	0.004		<b>0.216</b>	0.205	0.01545	98.0	10.6	178	05/25/2011	
Benzo(g,h,i)perylene	0.004		<b>0.196</b>	0.205	0.008134	91.8	10	168	05/25/2011	
Benzo(k)fluoranthene	0.004		<b>0.202</b>	0.205	0.006507	95.4	27.6	181	05/25/2011	
Bis(2-ethylhexyl)phthalate	0.082		<b>0.250</b>	0.205	0	122.4	50	150	05/25/2011	
Chrysene	0.004		<b>0.207</b>	0.205	0.02400	89.3	10	176	05/25/2011	
Dibenzo(a,h)anthracene	0.004		<b>0.197</b>	0.205	0	96.4	12.2	156	05/25/2011	
Fluoranthene	0.004		<b>0.214</b>	0.205	0.05328	78.4	10	227	05/25/2011	
Fluorene	0.004		<b>0.295</b>	0.205	0.09110	99.8	35.2	148	05/25/2011	
Indeno(1,2,3-cd)pyrene	0.004		<b>0.202</b>	0.205	0.006507	95.6	10	164	05/25/2011	
Naphthalene	0.004		<b>0.130</b>	0.205	0	63.5	14.7	128	05/25/2011	
Phenanthrene	0.004		<b>0.185</b>	0.205	0.01871	81.3	32.8	143	05/25/2011	
Pyrene	0.004		<b>0.245</b>	0.205	0.08866	76.4	10	180	05/25/2011	
Surr: 2-Fluorobiphenyl			<b>0.118</b>	0.205		57.7	10	131	05/25/2011	
Surr: Nitrobenzene-d5			<b>0.094</b>	0.205		46.1	10	132	05/25/2011	
Surr: p-Terphenyl-d14			<b>0.177</b>	0.205		86.6	30.6	131	05/25/2011	

Batch 68374		SampType: MSD		Units mg/Kg-dry						RPD Limit 49.7	Date Analyzed
SampID: 11051021-002BMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Acenaphthene	0.004		<b>0.253</b>	0.205	0.08053	84.2	0.2578	1.85	05/25/2011		
Acenaphthylene	0.004		<b>0.243</b>	0.205	0.03091	103.7	0.2309	5.24	05/25/2011		
Anthracene	0.004		<b>0.224</b>	0.205	0.04352	88.3	0.2239	0.25	05/25/2011		
Benzo(a)anthracene	0.004		<b>0.212</b>	0.205	0.02440	91.5	0.2055	3.00	05/25/2011		
Benzo(a)pyrene	0.004		<b>0.214</b>	0.205	0.01749	96.1	0.2092	2.38	05/25/2011		
Benzo(b)fluoranthene	0.004		<b>0.225</b>	0.205	0.01545	102.4	0.2161	4.14	05/25/2011		
Benzo(g,h,i)perylene	0.004		<b>0.208</b>	0.205	0.008134	97.4	0.1961	5.73	05/25/2011		
Benzo(k)fluoranthene	0.004		<b>0.215</b>	0.205	0.006507	102.0	0.2018	6.53	05/25/2011		
Bis(2-ethylhexyl)phthalate	0.082		<b>0.266</b>	0.205	0	129.7	0.2505	5.93	05/25/2011		
Chrysene	0.004		<b>0.216</b>	0.205	0.02400	93.7	0.2067	4.32	05/25/2011		
Dibenzo(a,h)anthracene	0.004		<b>0.211</b>	0.205	0	102.8	0.1973	6.48	05/25/2011		
Fluoranthene	0.004		<b>0.224</b>	0.205	0.05328	83.4	0.2137	4.73	05/25/2011		
Fluorene	0.004		<b>0.293</b>	0.205	0.09110	98.6	0.2954	0.77	05/25/2011		
Indeno(1,2,3-cd)pyrene	0.004		<b>0.213</b>	0.205	0.006507	101.0	0.2023	5.38	05/25/2011		
Naphthalene	0.004		<b>0.161</b>	0.205	0	78.6	0.1299	21.41	05/25/2011		
Phenanthrene	0.004		<b>0.199</b>	0.205	0.01871	87.9	0.1851	7.10	05/25/2011		
Pyrene	0.004		<b>0.252</b>	0.205	0.08866	79.9	0.2452	2.86	05/25/2011		
Surr: 2-Fluorobiphenyl			<b>0.118</b>	0.205		57.7			05/25/2011		
Surr: Nitrobenzene-d5			<b>0.103</b>	0.205		50.1			05/25/2011		
Surr: p-Terphenyl-d14			<b>0.206</b>	0.205		100.6			05/25/2011		

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051021

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

Report Date: 01-Jun-11

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

Batch 68373

SampType: MBLK

Units mg/Kg

SampID: MB-68373

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trichlorobenzene	0.500		ND						05/23/2011
1,2-Dichlorobenzene	0.500		ND						05/23/2011
1,3-Dichlorobenzene	0.500		ND						05/23/2011
1,4-Dichlorobenzene	0.500		ND						05/23/2011
2,4,5-Trichlorophenol	0.350		ND						05/23/2011
2,4,6-Trichlorophenol	0.350		ND						05/23/2011
2,4-Dichlorophenol	0.500		ND						05/23/2011
2,4-Dimethylphenol	0.500		ND						05/23/2011
2,4-Dinitrophenol	1.00		ND						05/23/2011
2,4-Dinitrotoluene	0.350		ND						05/23/2011
2,6-Dinitrotoluene	0.350		ND						05/23/2011
2-Chloronaphthalene	0.350		ND						05/23/2011
2-Chlorophenol	0.500		ND						05/23/2011
2-Methoxy-4-methylphenol	0.650		ND						05/23/2011
2-Methylnaphthalene	0.350		ND						05/23/2011
2-Nitroaniline	1.00		ND						05/23/2011
2-Nitrophenol	0.350		ND						05/23/2011
3,3'-Dichlorobenzidine	0.350		ND						05/23/2011
3-Nitroaniline	1.00		ND						05/23/2011
4,6-Dinitro-2-methylphenol	1.00		ND						05/23/2011
4-Bromophenyl phenyl ether	0.350		ND						05/23/2011
4-Chloro-3-methylphenol	0.500		ND						05/23/2011
4-Chloroaniline	0.500		ND						05/23/2011
4-Chlorophenyl phenyl ether	0.350		ND						05/23/2011
4-Nitroaniline	0.500		ND						05/23/2011
4-Nitrophenol	0.350		ND						05/23/2011
Aniline	0.500		ND						05/23/2011
Azobenzene	0.350		ND						05/23/2011
Benzidine	1.06		ND						05/23/2011
Benzoic acid	1.50		ND						05/23/2011
Benzyl alcohol	0.500		ND						05/23/2011
Bis(2-chloroethoxy)methane	0.350		ND						05/23/2011
Bis(2-chloroethyl)ether	0.500		ND						05/23/2011
Bis(2-chloroisopropyl)ether	0.350		ND						05/23/2011
Butyl benzyl phthalate	0.350		ND						05/23/2011
Carbazole	0.500		ND						05/23/2011
Dibenzofuran	0.350		ND						05/23/2011
Diethyl phthalate	0.500		ND						05/23/2011
Dimethyl phthalate	0.350		ND						05/23/2011
Di-n-butyl phthalate	0.350		ND						05/23/2011
Di-n-octyl phthalate	0.350		ND						05/23/2011
Hexachlorobenzene	0.350		ND						05/23/2011
Hexachlorobutadiene	0.500		ND						05/23/2011
Hexachlorocyclopentadiene	0.350		ND						05/23/2011
Hexachloroethane	0.500		ND						05/23/2011
Isophorone	0.350		ND						05/23/2011
m,p-Cresol	0.500		ND						05/23/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11051021

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

Report Date: 01-Jun-11

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

Batch 68373		SampType: MBLK		Units mg/Kg						
SampID: MB-68373										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrobenzene	0.500		ND						05/23/2011	
N-Nitrosodimethylamine	0.500		ND						05/23/2011	
N-Nitroso-di-n-propylamine	0.500		ND						05/23/2011	
N-Nitrosodiphenylamine	0.500		ND						05/23/2011	
o-Cresol	0.500		ND						05/23/2011	
Pentachlorophenol	2.00		ND						05/23/2011	
Phenol	0.350		ND						05/23/2011	
Pyridine	0.500		ND						05/23/2011	
1,2-Diphenylhydrazine	0.840		ND						05/23/2011	
Surr: 2,4,6-Tribromophenol			1.50	1.67		89.6	52.1	113	05/23/2011	
Surr: 2-Fluorobiphenyl			0.538	0.835		64.5	46.3	106	05/23/2011	
Surr: 2-Fluorophenol			1.15	1.67		69.0	50.6	89	05/23/2011	
Surr: Nitrobenzene-d5			0.512	0.835		61.3	42.4	99.2	05/24/2011	
Surr: Nitrobenzene-d5			0.491	0.835		58.8	42.4	99.2	05/23/2011	
Surr: Phenol-d5			1.15	1.67		68.6	55.9	98.5	05/23/2011	
Surr: p-Terphenyl-d14			0.637	0.835		76.3	45.5	115	05/23/2011	

Batch 68373		SampType: LCS		Units mg/Kg						
SampID: LCS-68373										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		1.07	1.67	0	63.9	43.9	92.2	05/23/2011	
1,4-Dichlorobenzene	0.500		1.00	1.67	0	60.0	43.8	84.1	05/23/2011	
2,4,5-Trichlorophenol	0.350		2.75	3.33	0	82.6	38.6	123	05/23/2011	
2,4,6-Trichlorophenol	0.350		2.91	3.33	0	87.5	35.9	123	05/23/2011	
2,4-Dimethylphenol	0.500		2.44	3.33	0	73.4	38.3	88	05/23/2011	
2,4-Dinitrophenol	1.00		2.43	3.33	0	73.0	1.88	162	05/23/2011	
2,4-Dinitrotoluene	0.350		1.10	1.67	0	65.6	48.6	102	05/23/2011	
2-Chlorophenol	0.500		2.25	3.33	0	67.5	46.6	84	05/23/2011	
4-Chloro-3-methylphenol	0.500		2.43	3.33	0	72.8	51.5	94.9	05/23/2011	
4-Nitrophenol	0.350		2.74	3.33	0	82.1	53.2	104	05/23/2011	
Diethyl phthalate	0.500		2.56	3.33	0	76.9	51.7	106	05/23/2011	
Dimethyl phthalate	0.350		2.41	3.33	0	72.3	58.8	104	05/23/2011	
Di-n-butyl phthalate	0.350		1.16	1.67	0	69.4	54.3	105	05/23/2011	
Hexachlorobenzene	0.350		2.60	3.33	0	78.0	55.9	106	05/23/2011	
Hexachlorobutadiene	0.500		2.38	3.33	0	71.6	35.7	100	05/23/2011	
Hexachloroethane	0.500		2.13	3.33	0	63.9	38.9	89.9	05/23/2011	
m,p-Cresol	0.500		1.13	1.67	0	67.9	37.6	93.7	05/23/2011	
Nitrobenzene	0.500		1.89	3.33	0	56.9	51.8	104	05/23/2011	
N-Nitroso-di-n-propylamine	0.500		1.03	1.67	0	61.4	49.1	94.5	05/23/2011	
o-Cresol	0.500		1.07	1.67	0	64.4	43	101	05/23/2011	
Pentachlorophenol	2.00		2.87	3.33	0	86.3	42.2	102	05/23/2011	
Phenol	0.350		2.22	3.33	0	66.7	41.6	81.3	05/23/2011	
Pyridine	0.500		1.42	3.33	0	42.7	3.61	74.3	05/23/2011	
Surr: 2,4,6-Tribromophenol			1.43	1.67		85.9	52.1	113	05/23/2011	
Surr: 2-Fluorobiphenyl			0.478	0.835		57.3	46.3	106	05/23/2011	
Surr: 2-Fluorophenol			0.965	1.67		57.8	50.6	89	05/23/2011	
Surr: Nitrobenzene-d5			0.436	0.835		52.3	42.4	99.2	05/23/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051021

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

**Report Date:** 01-Jun-11

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

Batch 68373		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-68373										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: Phenol-d5			1.06	1.67		63.6	55.9	98.5	05/23/2011	
Surr: p-Terphenyl-d14			0.581	0.835		69.6	45.5	115	05/23/2011	

Batch 68373		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11051021-002BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.612		1.35	2.04	0	66.3	35.9	102	05/25/2011	
1,4-Dichlorobenzene	0.612		1.28	2.04	0	62.4	29.8	95.5	05/25/2011	
2,4,5-Trichlorophenol	0.428		3.45	4.08	0	84.6	38.6	123	05/25/2011	
2,4,6-Trichlorophenol	0.428		3.74	4.08	0	91.9	35.9	123	05/25/2011	
2,4-Dimethylphenol	0.612		3.20	4.08	0	78.6	38.3	88	05/25/2011	
2,4-Dinitrophenol	1.22		2.39	4.08	0	58.7	1.88	162	05/25/2011	
2,4-Dinitrotoluene	0.428		1.49	2.04	0	72.7	37.5	107	05/25/2011	
2-Chlorophenol	0.612		2.85	4.08	0	70.1	22.6	108	05/25/2011	
4-Chloro-3-methylphenol	0.612		3.10	4.08	0	76.0	19.3	131	05/25/2011	
4-Nitrophenol	0.428		3.54	4.08	0	86.9	27.6	123	05/25/2011	
Diethyl phthalate	0.612		3.28	4.08	0	80.4	51.7	106	05/25/2011	
Dimethyl phthalate	0.428		3.21	4.08	0	78.8	58.8	104	05/25/2011	
Di-n-butyl phthalate	0.428		1.45	2.04	0	70.8	54.3	105	05/25/2011	
Hexachlorobenzene	0.428		3.49	4.08	0	85.7	55.9	106	05/25/2011	
Hexachlorobutadiene	0.612		3.16	4.08	0	77.6	35.7	100	05/25/2011	
Hexachloroethane	0.612		2.75	4.08	0	67.4	38.9	89.9	05/25/2011	
m,p-Cresol	0.612		1.41	2.04	0	69.0	37.6	93.7	05/25/2011	
Nitrobenzene	0.612		2.37	4.08	0	58.2	51.8	104	05/25/2011	
N-Nitroso-di-n-propylamine	0.612		1.27	2.04	0	62.0	45.5	99.1	05/25/2011	
o-Cresol	0.612		1.40	2.04	0	68.3	43	101	05/25/2011	
Pentachlorophenol	2.45		3.56	4.08	0	87.4	18.5	113	05/25/2011	
Phenol	0.428		2.80	4.08	0	68.6	20.8	110	05/25/2011	
Pyridine	0.612		1.81	4.08	0	44.4	3.61	74.3	05/25/2011	
Surr: 2,4,6-Tribromophenol			1.95	2.04		95.2	32.7	130	05/25/2011	
Surr: 2-Fluorobiphenyl			0.578	1.02		56.6	34.1	116	05/25/2011	
Surr: 2-Fluorophenol			1.16	2.04		57.0	30.5	99	05/25/2011	
Surr: Nitrobenzene-d5			0.524	1.02		51.3	34.1	101	05/25/2011	
Surr: Phenol-d5			1.30	2.04		63.8	34.9	110	05/25/2011	
Surr: p-Terphenyl-d14			0.702	1.02		68.7	41.7	124	05/25/2011	

Batch 68373		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11051021-002BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,2,4-Trichlorobenzene	0.615		1.37	2.05	0	66.7	1.354	1.19	05/25/2011	
1,4-Dichlorobenzene	0.615		1.32	2.05	0	64.5	1.276	3.74	05/25/2011	
2,4,5-Trichlorophenol	0.430		3.48	4.10	0	84.9	3.447	0.88	05/25/2011	
2,4,6-Trichlorophenol	0.430		3.76	4.10	0	91.7	3.745	0.34	05/25/2011	
2,4-Dimethylphenol	0.615		2.91	4.10	0	71.1	3.202	9.50	05/25/2011	
2,4-Dinitrophenol	1.23		2.66	4.10	0	65.1	2.393	10.75	05/25/2011	
2,4-Dinitrotoluene	0.430		1.57	2.05	0	76.6	1.487	5.72	05/25/2011	

Client: PSC Industrial Outsourcing, LP

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

Batch 68373	SampType: MSD	Units mg/Kg-dry						RPD Limit 40		Date Analyzed
SampID: 11051021-002BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
2-Chlorophenol	0.615		2.85	4.10	0	69.6	2.855	0.11	05/25/2011	
4-Chloro-3-methylphenol	0.615		3.20	4.10	0	78.2	3.099	3.33	05/25/2011	
4-Nitrophenol	0.430		3.65	4.10	0	89.1	3.541	3.03	05/25/2011	
Diethyl phthalate	0.615		3.39	4.10	0	82.7	3.276	3.39	05/25/2011	
Dimethyl phthalate	0.430		3.25	4.10	0	79.4	3.209	1.30	05/25/2011	
Di-n-butyl phthalate	0.430		1.47	2.05	0	71.7	1.447	1.84	05/25/2011	
Hexachlorobenzene	0.430		3.57	4.10	0	87.1	3.492	2.14	05/25/2011	
Hexachlorobutadiene	0.615		3.23	4.10	0	78.8	3.161	2.04	05/25/2011	
Hexachloroethane	0.615		2.98	4.10	0	72.7	2.747	8.01	05/25/2011	
m,p-Cresol	0.615		1.39	2.05	0	67.7	1.411	1.46	05/25/2011	
Nitrobenzene	0.615		2.31	4.10	0	56.4	2.371	2.60	05/25/2011	
N-Nitroso-di-n-propylamine	0.615		1.35	2.05	0	65.8	1.267	6.41	05/25/2011	
o-Cresol	0.615		1.40	2.05	0	68.4	1.395	0.70	05/25/2011	
Pentachlorophenol	2.46		3.75	4.10	0	91.7	3.561	5.29	05/25/2011	
Phenol	0.430		2.76	4.10	0	67.3	2.797	1.43	05/25/2011	
Pyridine	0.615		1.89	4.10	0	46.1	1.811	4.07	05/25/2011	
Surr: 2,4,6-Tribromophenol			1.99	2.05		96.9			05/25/2011	
Surr: 2-Fluorobiphenyl			0.565	1.03		55.0			05/25/2011	
Surr: 2-Fluorophenol			1.18	2.05		57.7			05/25/2011	
Surr: Nitrobenzene-d5			0.490	1.03		47.8			05/25/2011	
Surr: Phenol-d5			1.27	2.05		61.6			05/25/2011	
Surr: p-Terphenyl-d14			0.698	1.03		67.9			05/25/2011	

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

Batch 68412	SampType: MBLK	Units µg/Kg								Date Analyzed
SampID: MBLK-G110524-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		ND						05/24/2011	
1,1,1-Trichloroethane	5.0		ND						05/24/2011	
1,1,2,2-Tetrachloroethane	5.0		ND						05/24/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		ND						05/24/2011	
1,1,2-Trichloroethane	5.0		ND						05/24/2011	
1,1-Dichloro-2-propanone	50.0		ND						05/24/2011	
1,1-Dichloroethane	5.0		ND						05/24/2011	
1,1-Dichloroethene	5.0		ND						05/24/2011	
1,1-Dichloropropene	5.0		ND						05/24/2011	
1,2,3-Trichlorobenzene	5.0		ND						05/24/2011	
1,2,3-Trichloropropane	10		ND						05/24/2011	
1,2,3-Trimethylbenzene	5.0		ND						05/24/2011	
1,2,4-Trichlorobenzene	5.0		ND						05/24/2011	
1,2,4-Trimethylbenzene	5.0		ND						05/24/2011	
1,2-Dibromo-3-chloropropane	5.0		ND						05/24/2011	
1,2-Dibromoethane	5.0		ND						05/24/2011	
1,2-Dichlorobenzene	5.0		ND						05/24/2011	
1,2-Dichloroethane	5.0		ND						05/24/2011	
1,2-Dichloropropane	5.0		ND						05/24/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051021

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

**Report Date:** 01-Jun-11

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

Batch 68412		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-G110524-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,3,5-Trimethylbenzene	5.0		ND							05/24/2011
1,3-Dichlorobenzene	5.0		ND							05/24/2011
1,3-Dichloropropane	5.0		ND							05/24/2011
1,4-Dichlorobenzene	5.0		ND							05/24/2011
1-Chlorobutane	5.0		ND							05/24/2011
2,2-Dichloropropane	5.0		ND							05/24/2011
2-Butanone	50.0		ND							05/24/2011
2-Chlorotoluene	5.0		ND							05/24/2011
2-Hexanone	50.0		ND							05/24/2011
2-Nitropropane	50.0		ND							05/24/2011
4-Chlorotoluene	5.0		ND							05/24/2011
4-Methyl-2-pentanone	50.0		ND							05/24/2011
Acetone	50.0		ND							05/24/2011
Acrolein	100		ND							05/24/2011
Acrylonitrile	10		ND							05/24/2011
Allyl chloride	5.0		ND							05/24/2011
Benzene	1.0		ND							05/24/2011
Bromobenzene	5.0		ND							05/24/2011
Bromochloromethane	5.0		ND							05/24/2011
Bromodichloromethane	5.0		ND							05/24/2011
Bromoform	5.0		ND							05/24/2011
Bromomethane	10		ND							05/24/2011
Carbon disulfide	5.0		ND							05/24/2011
Carbon tetrachloride	5.0		ND							05/24/2011
Chlorobenzene	5.0		ND							05/24/2011
Chloroethane	10		ND							05/24/2011
Chloroform	5.0		ND							05/24/2011
Chloromethane	10		ND							05/24/2011
cis-1,2-Dichloroethene	5.0		ND							05/24/2011
cis-1,3-Dichloropropene	4.0		ND							05/24/2011
Cyclohexanone	100		ND							05/24/2011
Dibromochloromethane	5.0		ND							05/24/2011
Dibromomethane	5.0		ND							05/24/2011
Dichlorodifluoromethane	10		ND							05/24/2011
Ethyl acetate	50.0		ND							05/24/2011
Ethyl ether	5.0		ND							05/24/2011
Ethyl methacrylate	5.0		ND							05/24/2011
Ethylbenzene	5.0		ND							05/24/2011
Heptane	20.0		ND							05/24/2011
Hexachlorobutadiene	5.0		ND							05/24/2011
Hexachloroethane	5.0		ND							05/24/2011
Iodomethane	10		ND							05/24/2011
Isopropylbenzene	5.0		ND							05/24/2011
m,p-Xylenes	5.0		ND							05/24/2011
Methacrylonitrile	50.0		ND							05/24/2011
Methyl Methacrylate	5.0		ND							05/24/2011
Methyl tert-butyl ether	2.0		ND							05/24/2011

Client: PSC Industrial Outsourcing, LP

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Report Date: 01-Jun-11

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

Batch 68412		SampType: MBLK		Units µg/Kg						
SampID: MBLK-G110524-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Methylacrylate	10		ND						05/24/2011	
Methylene chloride	5.0	J	1.4						05/24/2011	
Naphthalene	10		ND						05/24/2011	
n-Butylbenzene	5.0		ND						05/24/2011	
n-Hexane	20.0		ND						05/24/2011	
Nitrobenzene	100		ND						05/24/2011	
n-Propylbenzene	5.0		ND						05/24/2011	
o-Xylene	5.0		ND						05/24/2011	
Pentachloroethane	5.0		ND						05/24/2011	
p-Isopropyltoluene	5.0		ND						05/24/2011	
Propionitrile	50.0		ND						05/24/2011	
sec-Butylbenzene	5.0		ND						05/24/2011	
Styrene	5.0		ND						05/24/2011	
tert-Butylbenzene	5.0		ND						05/24/2011	
Tetrachloroethene	5.0		ND						05/24/2011	
Tetrahydrofuran	50.0		ND						05/24/2011	
Toluene	5.0		ND						05/24/2011	
trans-1,2-Dichloroethene	5.0		ND						05/24/2011	
trans-1,3-Dichloropropene	4.0		ND						05/24/2011	
Trichloroethene	5.0		ND						05/24/2011	
Trichlorofluoromethane	5.0		ND						05/24/2011	
Vinyl acetate	50.0		ND						05/24/2011	
Vinyl chloride	2.0		ND						05/24/2011	
Surr: 1,2-Dichloroethane-d4			51.5	50.0		103.0	72.2	131	05/24/2011	
Surr: 4-Bromofluorobenzene			54.5	50.0		109.0	82.1	116	05/24/2011	
Surr: Dibromofluoromethane			52.6	50.0		105.3	77.7	120	05/24/2011	
Surr: Toluene-d8			47.6	50.0		95.3	86	116	05/24/2011	

Batch 68412		SampType: LCSD		Units µg/Kg		RPD Limit 40				
SampID: LCSD-G110524-1										
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	49.40	5.74	05/24/2011	
1,1,1-Trichloroethane	5.0		53.0	50.0	0	105.9	49.75	6.25	05/24/2011	
1,1,2,2-Tetrachloroethane	5.0		46.4	50.0	0	92.9	45.23	2.66	05/24/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		43.5	50.0	0	87.0	42.25	2.92	05/24/2011	
1,1,2-Trichloroethane	5.0		48.0	50.0	0	96.0	46.96	2.17	05/24/2011	
1,1-Dichloro-2-propanone	50.0		130	125	0	104.1	137.1	5.25	05/24/2011	
1,1-Dichloroethane	5.0		47.0	50.0	0	94.0	44.88	4.57	05/24/2011	
1,1-Dichloroethene	5.0		43.4	50.0	0	86.8	40.96	5.81	05/24/2011	
1,1-Dichloropropene	5.0		49.6	50.0	0	99.3	47.15	5.15	05/24/2011	
1,2,3-Trichlorobenzene	5.0		53.6	50.0	0	107.2	53.79	0.35	05/24/2011	
1,2,3-Trichloropropane	10		50.0	50.0	0	99.9	47.78	4.46	05/24/2011	
1,2,3-Trimethylbenzene	5.0		48.1	50.0	0	96.1	46.35	3.62	05/24/2011	
1,2,4-Trichlorobenzene	5.0		55.2	50.0	0	110.3	55.98	1.49	05/24/2011	
1,2,4-Trimethylbenzene	5.0		49.0	50.0	0	98.1	47.27	3.66	05/24/2011	
1,2-Dibromo-3-chloropropane	5.0		53.2	50.0	0	106.3	53.16	0.00	05/24/2011	
1,2-Dibromoethane	5.0		50.1	50.0	0	100.2	49.19	1.87	05/24/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11051021

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

Report Date: 01-Jun-11

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

Batch 68412	SampType: LCSD	Units µg/Kg						RPD Limit 40		Date Analyzed
SampID: LCSD-G110524-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,2-Dichlorobenzene	5.0		48.7	50.0	0	97.3	47.11	3.26	05/24/2011	
1,2-Dichloroethane	5.0		50.8	50.0	0	101.6	49.11	3.34	05/24/2011	
1,2-Dichloropropane	5.0		48.3	50.0	0	96.6	45.93	5.01	05/24/2011	
1,3,5-Trimethylbenzene	5.0		47.4	50.0	0	94.7	45.46	4.12	05/24/2011	
1,3-Dichlorobenzene	5.0		50.4	50.0	0	100.7	48.45	3.89	05/24/2011	
1,3-Dichloropropane	5.0		47.3	50.0	0	94.6	46.06	2.61	05/24/2011	
1,4-Dichlorobenzene	5.0		49.5	50.0	0	98.9	47.91	3.20	05/24/2011	
1-Chlorobutane	5.0		44.0	50.0	0	87.9	42.13	4.23	05/24/2011	
2,2-Dichloropropane	5.0		51.5	50.0	0	103.0	49.25	4.51	05/24/2011	
2-Butanone	50.0		121	125	0	97.0	121.6	0.35	05/24/2011	
2-Chlorotoluene	5.0		47.2	50.0	0	94.4	45.20	4.37	05/24/2011	
2-Hexanone	50.0		121	125	0	97.1	123.9	2.01	05/24/2011	
2-Nitropropane	50.0		563	500	0	112.7	559.5	0.69	05/24/2011	
4-Chlorotoluene	5.0		47.5	50.0	0	95.1	46.07	3.12	05/24/2011	
4-Methyl-2-pentanone	50.0		127	125	0	101.7	127.7	0.43	05/24/2011	
Acetone	50.0		121	125	0	96.9	127.8	5.38	05/24/2011	
Acrylonitrile	10		46.3	50.0	0	92.7	46.89	1.20	05/24/2011	
Allyl chloride	5.0		44.4	50.0	0	88.8	41.08	7.81	05/24/2011	
Benzene	1.0		47.0	50.0	0	94.0	44.76	4.88	05/24/2011	
Bromobenzene	5.0		50.1	50.0	0	100.2	47.52	5.33	05/24/2011	
Bromochloromethane	5.0		47.2	50.0	0	94.5	45.47	3.84	05/24/2011	
Bromodichloromethane	5.0		52.4	50.0	0	104.8	50.35	3.95	05/24/2011	
Bromoform	5.0		56.7	50.0	0	113.4	54.40	4.14	05/24/2011	
Bromomethane	10		36.4	50.0	0	72.8	34.72	4.67	05/24/2011	
Carbon disulfide	5.0		38.8	50.0	0	77.5	36.78	5.27	05/24/2011	
Carbon tetrachloride	5.0		54.9	50.0	0	109.9	52.06	5.38	05/24/2011	
Chlorobenzene	5.0		49.6	50.0	0	99.2	46.88	5.66	05/24/2011	
Chloroethane	10		35.4	50.0	0	70.8	33.96	4.18	05/24/2011	
Chloroform	5.0		51.2	50.0	0	102.4	48.27	5.89	05/24/2011	
Chloromethane	10		21.2	50.0	0	42.5	20.48	3.69	05/24/2011	
cis-1,2-Dichloroethene	5.0		49.8	50.0	0	99.6	47.09	5.61	05/24/2011	
cis-1,3-Dichloropropene	4.0		52.9	50.0	0	105.7	49.79	5.98	05/24/2011	
Cyclohexanone	100		233	250	0	93.1	248.2	6.46	05/24/2011	
Dibromochloromethane	5.0		53.4	50.0	0	106.8	50.75	5.13	05/24/2011	
Dibromomethane	5.0		51.6	50.0	0	103.1	49.57	3.92	05/24/2011	
Dichlorodifluoromethane	10	J	9.0	50.0	0	18.1	8.980	0.00	05/24/2011	
Ethyl acetate	50.0	J	48	50.0	0	95.2	49.26	0.00	05/24/2011	
Ethyl ether	5.0		45.1	50.0	0	90.2	43.95	2.60	05/24/2011	
Ethyl methacrylate	5.0		50.2	50.0	0	100.5	49.22	2.03	05/24/2011	
Ethylbenzene	5.0		49.0	50.0	0	97.9	47.38	3.28	05/24/2011	
Heptane	20.0		42.9	50.0	0	85.9	44.24	2.98	05/24/2011	
Hexachlorobutadiene	5.0		56.4	50.0	0	112.9	54.63	3.28	05/24/2011	
Hexachloroethane	5.0		52.5	50.0	0	105.0	48.75	7.37	05/24/2011	
Iodomethane	10		54.1	50.0	0	108.1	49.96	7.90	05/24/2011	
Isopropylbenzene	5.0		50.2	50.0	0	100.4	47.95	4.60	05/24/2011	
m,p-Xylenes	5.0		98.9	100	0	98.9	95.28	3.77	05/24/2011	
Methacrylonitrile	50.0	J	46	50.0	0	92.5	46.20	0.00	05/24/2011	



Client: PSC Industrial Outsourcing, LP

Work Order: 11051021

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

Report Date: 01-Jun-11

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

Batch 68412	SampType: LCSD	Units µg/Kg						RPD Limit 40		Date Analyzed
SampID: LCSD-G110524-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Methyl Methacrylate	5.0		53.6	50.0	0	107.3	52.73	1.69	05/24/2011	
Methyl tert-butyl ether	2.0		49.7	50.0	0	99.4	49.81	0.24	05/24/2011	
Methylacrylate	10		48.8	50.0	0	97.5	49.06	0.61	05/24/2011	
Methylene chloride	5.0		47.4	50.0	0	94.9	44.74	5.84	05/24/2011	
Naphthalene	10		49.9	50.0	0	99.8	51.09	2.36	05/24/2011	
n-Butylbenzene	5.0		48.0	50.0	0	96.1	47.40	1.36	05/24/2011	
n-Hexane	20.0		40.7	50.0	0	81.4	40.08	1.51	05/24/2011	
Nitrobenzene	100		556	500	0	111.3	554.7	0.28	05/24/2011	
n-Propylbenzene	5.0		46.9	50.0	0	93.8	45.20	3.67	05/24/2011	
o-Xylene	5.0		49.3	50.0	0	98.6	46.91	5.01	05/24/2011	
Pentachloroethane	5.0		54.2	50.0	0	108.4	51.27	5.57	05/24/2011	
p-Isopropyltoluene	5.0		49.2	50.0	0	98.5	46.43	5.89	05/24/2011	
Propionitrile	50.0		503	500	0	100.7	498.3	1.01	05/24/2011	
sec-Butylbenzene	5.0		48.4	50.0	0	96.8	46.02	5.00	05/24/2011	
Styrene	5.0		51.4	50.0	0	102.8	49.15	4.44	05/24/2011	
tert-Butylbenzene	5.0		47.6	50.0	0	95.2	45.42	4.71	05/24/2011	
Tetrachloroethene	5.0		54.3	50.0	0	108.5	49.97	8.23	05/24/2011	
Tetrahydrofuran	50.0	J	50	50.0	0	99.0	48.93	0.00	05/24/2011	
Toluene	5.0		45.4	50.0	0	90.8	43.50	4.25	05/24/2011	
trans-1,2-Dichloroethene	5.0		46.0	50.0	0	92.0	44.25	3.88	05/24/2011	
trans-1,3-Dichloropropene	4.0		49.6	50.0	0	99.2	48.56	2.14	05/24/2011	
Trichloroethene	5.0		53.7	50.0	0	107.4	51.65	3.93	05/24/2011	
Trichlorofluoromethane	5.0		42.0	50.0	0	84.0	40.74	3.07	05/24/2011	
Vinyl acetate	50.0	J	48	50.0	0	95.1	46.91	0.00	05/24/2011	
Vinyl chloride	2.0		30.9	50.0	0	61.8	29.72	3.83	05/24/2011	
Surr: 1,2-Dichloroethane-d4			51.0	50.0		102.0			05/24/2011	
Surr: 4-Bromofluorobenzene			54.1	50.0		108.3			05/24/2011	
Surr: Dibromofluoromethane			53.0	50.0		106.0			05/24/2011	
Surr: Toluene-d8			47.4	50.0		94.8			05/24/2011	

Batch 68412	SampType: LCS	Units µg/Kg								Date Analyzed
SampID: LCS-G110524-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		49.4	50.0	0	98.8	0	200	05/24/2011	
1,1,1-Trichloroethane	5.0		49.8	50.0	0	99.5	85.6	124	05/24/2011	
1,1,2,2-Tetrachloroethane	5.0		45.2	50.0	0	90.5	0	200	05/24/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		42.2	50.0	0	84.5	0	200	05/24/2011	
1,1,2-Trichloroethane	5.0		47.0	50.0	0	93.9	0	200	05/24/2011	
1,1-Dichloro-2-propanone	50.0		137	125	0	109.7	0	200	05/24/2011	
1,1-Dichloroethane	5.0		44.9	50.0	0	89.8	0	200	05/24/2011	
1,1-Dichloroethene	5.0		41.0	50.0	0	81.9	60.1	131	05/24/2011	
1,1-Dichloropropene	5.0		47.2	50.0	0	94.3	0	200	05/24/2011	
1,2,3-Trichlorobenzene	5.0		53.8	50.0	0	107.6	0	200	05/24/2011	
1,2,3-Trichloropropane	10		47.8	50.0	0	95.6	0	200	05/24/2011	
1,2,3-Trimethylbenzene	5.0		46.4	50.0	0	92.7	0	200	05/24/2011	
1,2,4-Trichlorobenzene	5.0		56.0	50.0	0	112.0	0	200	05/24/2011	
1,2,4-Trimethylbenzene	5.0		47.3	50.0	0	94.5	0	200	05/24/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051021

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

**Report Date:** 01-Jun-11

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

Batch 68412		SampType: LCS		Units µg/Kg						
SampID: LCS-G110524-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2-Dibromo-3-chloropropane	5.0		53.2	50.0	0	106.3	0	200	05/24/2011	
1,2-Dibromoethane	5.0		49.2	50.0	0	98.4	86.9	119	05/24/2011	
1,2-Dichlorobenzene	5.0		47.1	50.0	0	94.2	88	119	05/24/2011	
1,2-Dichloroethane	5.0		49.1	50.0	0	98.2	73	117	05/24/2011	
1,2-Dichloropropane	5.0		45.9	50.0	0	91.9	0	200	05/24/2011	
1,3,5-Trimethylbenzene	5.0		45.5	50.0	0	90.9	0	200	05/24/2011	
1,3-Dichlorobenzene	5.0		48.4	50.0	0	96.9	85.8	125	05/24/2011	
1,3-Dichloropropane	5.0		46.1	50.0	0	92.1	0	200	05/24/2011	
1,4-Dichlorobenzene	5.0		47.9	50.0	0	95.8	84.5	124	05/24/2011	
1-Chlorobutane	5.0		42.1	50.0	0	84.3	0	200	05/24/2011	
2,2-Dichloropropane	5.0		49.2	50.0	0	98.5	0	200	05/24/2011	
2-Butanone	50.0		122	125	0	97.3	45.3	136	05/24/2011	
2-Chlorotoluene	5.0		45.2	50.0	0	90.4	0	200	05/24/2011	
2-Hexanone	50.0		124	125	0	99.1	0	200	05/24/2011	
2-Nitropropane	50.0		560	500	0	111.9	0	200	05/24/2011	
4-Chlorotoluene	5.0		46.1	50.0	0	92.1	0	200	05/24/2011	
4-Methyl-2-pentanone	50.0		128	125	0	102.2	0	200	05/24/2011	
Acetone	50.0		128	125	0	102.2	0	200	05/24/2011	
Acrylonitrile	10		46.9	50.0	0	93.8	0	200	05/24/2011	
Allyl chloride	5.0		41.1	50.0	0	82.2	0	200	05/24/2011	
Benzene	1.0		44.8	50.0	0	89.5	73.9	109	05/24/2011	
Bromobenzene	5.0		47.5	50.0	0	95.0	0	200	05/24/2011	
Bromochloromethane	5.0		45.5	50.0	0	90.9	0	200	05/24/2011	
Bromodichloromethane	5.0		50.4	50.0	0	100.7	91.3	126	05/24/2011	
Bromoform	5.0		54.4	50.0	0	108.8	0	200	05/24/2011	
Bromomethane	10		34.7	50.0	0	69.4	0	200	05/24/2011	
Carbon disulfide	5.0		36.8	50.0	0	73.6	0	200	05/24/2011	
Carbon tetrachloride	5.0		52.1	50.0	0	104.1	83.3	127	05/24/2011	
Chlorobenzene	5.0		46.9	50.0	0	93.8	85.8	116	05/24/2011	
Chloroethane	10		34.0	50.0	0	67.9	0	200	05/24/2011	
Chloroform	5.0		48.3	50.0	0	96.5	80	113	05/24/2011	
Chloromethane	10		20.5	50.0	0	41.0	0	200	05/24/2011	
cis-1,2-Dichloroethene	5.0		47.1	50.0	0	94.2	0	200	05/24/2011	
cis-1,3-Dichloropropene	4.0		49.8	50.0	0	99.6	0	200	05/24/2011	
Cyclohexanone	100		248	250	0	99.3	0	200	05/24/2011	
Dibromochloromethane	5.0		50.8	50.0	0	101.5	89.1	119	05/24/2011	
Dibromomethane	5.0		49.6	50.0	0	99.1	0	200	05/24/2011	
Dichlorodifluoromethane	10	J	9.0	50.0	0	18.0	0	200	05/24/2011	
Ethyl acetate	50.0	J	49	50.0	0	98.5	0	200	05/24/2011	
Ethyl ether	5.0		44.0	50.0	0	87.9	0	200	05/24/2011	
Ethyl methacrylate	5.0		49.2	50.0	0	98.4	0	200	05/24/2011	
Ethylbenzene	5.0		47.4	50.0	0	94.8	84.1	115	05/24/2011	
Heptane	20.0		44.2	50.0	0	88.5	0	200	05/24/2011	
Hexachlorobutadiene	5.0		54.6	50.0	0	109.3	0	200	05/24/2011	
Hexachloroethane	5.0		48.8	50.0	0	97.5	0	200	05/24/2011	
Iodomethane	10		50.0	50.0	0	99.9	0	200	05/24/2011	
Isopropylbenzene	5.0		48.0	50.0	0	95.9	0	200	05/24/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051021

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

**Report Date:** 01-Jun-11

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

Batch 68412		SampType: LCS		Units µg/Kg						
SampID: LCS-G110524-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
m,p-Xylenes	5.0		<b>95.3</b>	100	0	95.3	79.1	111	05/24/2011	
Methacrylonitrile	50.0	J	<b>46</b>	50.0	0	92.4	0	200	05/24/2011	
Methyl Methacrylate	5.0		<b>52.7</b>	50.0	0	105.5	0	200	05/24/2011	
Methyl tert-butyl ether	2.0		<b>49.8</b>	50.0	0	99.6	80	128	05/24/2011	
Methylacrylate	10		<b>49.1</b>	50.0	0	98.1	0	200	05/24/2011	
Methylene chloride	5.0		<b>44.7</b>	50.0	0	89.5	73.9	116	05/24/2011	
Naphthalene	10		<b>51.1</b>	50.0	0	102.2	73.1	135	05/24/2011	
n-Butylbenzene	5.0		<b>47.4</b>	50.0	0	94.8	0	200	05/24/2011	
n-Hexane	20.0		<b>40.1</b>	50.0	0	80.2	0	200	05/24/2011	
Nitrobenzene	100		<b>555</b>	500	0	110.9	0	200	05/24/2011	
n-Propylbenzene	5.0		<b>45.2</b>	50.0	0	90.4	0	200	05/24/2011	
o-Xylene	5.0		<b>46.9</b>	50.0	0	93.8	82	117	05/24/2011	
Pentachloroethane	5.0		<b>51.3</b>	50.0	0	102.5	0	200	05/24/2011	
p-Isopropyltoluene	5.0		<b>46.4</b>	50.0	0	92.9	0	200	05/24/2011	
Propionitrile	50.0		<b>498</b>	500	0	99.7	0	200	05/24/2011	
sec-Butylbenzene	5.0		<b>46.0</b>	50.0	0	92.0	0	200	05/24/2011	
Styrene	5.0		<b>49.2</b>	50.0	0	98.3	0	200	05/24/2011	
tert-Butylbenzene	5.0		<b>45.4</b>	50.0	0	90.8	0	200	05/24/2011	
Tetrachloroethene	5.0		<b>50.0</b>	50.0	0	99.9	74.6	115	05/24/2011	
Tetrahydrofuran	50.0	J	<b>49</b>	50.0	0	97.9	0	200	05/24/2011	
Toluene	5.0		<b>43.5</b>	50.0	0	87.0	79.1	112	05/24/2011	
trans-1,2-Dichloroethene	5.0		<b>44.2</b>	50.0	0	88.5	0	200	05/24/2011	
trans-1,3-Dichloropropene	4.0		<b>48.6</b>	50.0	0	97.1	0	200	05/24/2011	
Trichloroethene	5.0		<b>51.6</b>	50.0	0	103.3	81	111	05/24/2011	
Trichlorofluoromethane	5.0		<b>40.7</b>	50.0	0	81.5	0	200	05/24/2011	
Vinyl acetate	50.0	J	<b>47</b>	50.0	0	93.8	0	200	05/24/2011	
Vinyl chloride	2.0		<b>29.7</b>	50.0	0	59.4	0	200	05/24/2011	
Surr: 1,2-Dichloroethane-d4			<b>52.2</b>	50.0		104.3	72.2	131	05/24/2011	
Surr: 4-Bromofluorobenzene			<b>53.2</b>	50.0		106.3	82.1	116	05/24/2011	
Surr: Dibromofluoromethane			<b>52.8</b>	50.0		105.5	77.7	120	05/24/2011	
Surr: Toluene-d8			<b>47.3</b>	50.0		94.7	86	116	05/24/2011	



# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051021

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

Report Date: 01-Jun-11

Carrier: Mike Flora

Received By: JM

Completed by:

Reviewed by:

On:

20-May-11

On:

20-May-11

Timothy W. Mathis

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 4.6
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.

11051021

# 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** 10017

Project Name: Champaign MGP Project Mgr.: Sazama

Project Number: 624-0908-0120 Cost Code: 50002

Sampler(s): F105c

Laboratory Name: Teklab, Inc

Location: Collinsville, IL

Sample Number and (depth)	Date	Time	Matrix			
			Soil	Water	Air	Wipes
P9-G1-W(3)	5/19/11	0900	X			
P9-G1-W(8)		0905	X			
P9-G3-F(16.5)		0920	X			
P9-G3-F(18)		0930	X			
P9-FG1.5-F(16)		1455	X			
P9-FG1.5-F(18)		1500	X			

Total Number of Containers

Analyses by Method Name and Number

Method Name and Number	P9-G1-W(3)	P9-G1-W(8)	P9-G3-F(16.5)	P9-G3-F(18)	P9-FG1.5-F(16)	P9-FG1.5-F(18)
VOC (8260)	X	X	X	X	X	X
SVOC (8270)	X	X	X	X	X	X
SVOC (8275 SIM)	X	X	X	X	X	X
RCRA Metals	X	X	X	X	X	X
CN-TOTAL	X	X	X	X	X	X
CN-Ammenite	X	X	X	X	X	X
TPH (80150A2)	X	X	X	X	X	X

Laboratory Temperature upon Receipt  
4.6

Comments (Field PID) Lab ID #'s  
11051021-001  
-002  
\*RUSH \*  
\*RUSH \*  
\*RUSH \*  
\*RUSH \*

**1 DAY**  
TMT

**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:**

Requested TAT:  Rush  5 Days  STD  Other

Fax and/or Mail Results to: P. Sazama L. Hoosier (PS)

Send Invoice to: B. Martin (Ameren)

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

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

Reporting Limits: Meek IAC 742/742

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

**Shipping:**

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

**Relinquished by:**

Signature: McL... Date: 5/20/11 Time: 16:41

**Received by:**

Signature: JM... Date: 5-20-11 Time: 16:41

May 24, 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:** 11051024

Dear Pete Sazama:

TEKLAB, INC received 4 samples on 5/20/2011 4:41:00 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:** 11051024

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

**Report Date:** 24-May-11

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**This reporting package includes the following:**

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Quality Control Results	28
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Chain of Custody	Appended

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-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:** 11051024

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

**Report Date:** 24-May-11

**Cooler Receipt Temp:** 4.6 °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: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-001

Client Sample ID: P9-G3-F (16.5)

Matrix: SOLID

Collection Date: 05/19/2011 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		15.4	%	1	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		84.6	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.608		< 0.608	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.61		1.05	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.27		6.66	mg/Kg-dry	1	05/24/2011 12:45	68384
Barium	NELAP	0.45		18.9	mg/Kg-dry	1	05/24/2011 12:45	68384
Cadmium	NELAP	0.18		< 0.18	mg/Kg-dry	1	05/24/2011 12:45	68384
Chromium	NELAP	0.91		9.21	mg/Kg-dry	1	05/24/2011 12:45	68384
Lead	NELAP	3.64		13.9	mg/Kg-dry	1	05/24/2011 12:45	68384
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	05/24/2011 12:45	68384
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	05/24/2011 12:21	68382
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	05/24/2011 0:00	68361
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.90	#	17.2	mg/Kg-dry	1	05/23/2011 16:25	68365
Kerosene	NELAP	5.90		ND	mg/Kg-dry	1	05/23/2011 16:25	68365
Mineral Spirits	NELAP	5.90		ND	mg/Kg-dry	1	05/23/2011 16:25	68365
Motor Oil	NELAP	5.90		ND	mg/Kg-dry	1	05/23/2011 16:25	68365
Surr: n-Tetracontane		50.6-140		109.2	%REC	1	05/23/2011 16:25	68365
<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	05/23/2011 16:54	68374
Acenaphthylene	NELAP	0.004		0.028	mg/Kg-dry	1	05/23/2011 16:54	68374
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Bis(2-ethylhexyl)phthalate	NELAP	0.079		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Naphthalene	NELAP	0.004		0.006	mg/Kg-dry	1	05/23/2011 16:54	68374
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Surr: 2-Fluorobiphenyl		10-131		71.9	%REC	1	05/23/2011 16:54	68374
Surr: Nitrobenzene-d5		10-132		76.6	%REC	1	05/23/2011 16:54	68374
Surr: p-Terphenyl-d14		30.6-131		97.4	%REC	1	05/23/2011 16:54	68374

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-001

Client Sample ID: P9-G3-F (16.5)

Matrix: SOLID

Collection Date: 05/19/2011 9:20

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	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
1,2-Dichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
1,3-Dichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
1,4-Dichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2,4,5-Trichlorophenol	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2,4,6-Trichlorophenol	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2,4-Dichlorophenol	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2,4-Dimethylphenol	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2,4-Dinitrophenol	NELAP	1.18		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2,4-Dinitrotoluene	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2,6-Dinitrotoluene	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2-Chloronaphthalene	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2-Chlorophenol	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2-Methoxy-4-methylphenol		0.768		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2-Methylnaphthalene	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2-Nitrophenol	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
3,3'-Dichlorobenzidine	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
3-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
4,6-Dinitro-2-methylphenol	NELAP	1.18		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
4-Bromophenyl phenyl ether	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
4-Chloro-3-methylphenol	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
4-Chloroaniline	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
4-Chlorophenyl phenyl ether	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
4-Nitroaniline	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
4-Nitrophenol	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Aniline	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Azobenzene		0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Benzidine	NELAP	1.25		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Benzoic acid	NELAP	1.77		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Benzyl alcohol	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Bis(2-chloroethoxy)methane	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Bis(2-chloroethyl)ether	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Bis(2-chloroisopropyl)ether	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Butyl benzyl phthalate	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Carbazole		0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Dibenzofuran	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Diethyl phthalate	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Dimethyl phthalate	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Di-n-butyl phthalate	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Di-n-octyl phthalate	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Hexachlorobenzene	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Hexachlorobutadiene	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Hexachlorocyclopentadiene	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Hexachloroethane	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Isophorone	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
m,p-Cresol	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-001

Client Sample ID: P9-G3-F (16.5)

Matrix: SOLID

Collection Date: 05/19/2011 9:20

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	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
N-Nitrosodimethylamine	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
N-Nitroso-di-n-propylamine	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
N-Nitrosodiphenylamine	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
o-Cresol	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Pentachlorophenol	NELAP	2.36		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Phenol	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Pyridine	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
1,2-Diphenylhydrazine		0.992		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Surr: 2,4,6-Tribromophenol		32.7-130		79.3	%REC	1	05/23/2011 16:43	68373
Surr: 2-Fluorobiphenyl		34.1-116		57.8	%REC	1	05/23/2011 16:43	68373
Surr: 2-Fluorophenol		30.5-99		58.0	%REC	1	05/23/2011 16:43	68373
Surr: Nitrobenzene-d5		34.1-101		51.5	%REC	1	05/23/2011 16:43	68373
Surr: Phenol-d5		34.9-110		58.2	%REC	1	05/23/2011 16:43	68373
Surr: p-Terphenyl-d14		41.7-124		66.4	%REC	1	05/23/2011 16:43	68373
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1,1-Trichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1,2,2-Tetrachloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1,2-Trichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1-Dichloro-2-propanone		41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1-Dichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1-Dichloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1-Dichloropropene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2,3-Trichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2,3-Trichloropropane	NELAP	8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2,3-Trimethylbenzene		4.1	J	2.5	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2,4-Trichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2,4-Trimethylbenzene	NELAP	4.1	J	0.9	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2-Dibromo-3-chloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2-Dibromoethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2-Dichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2-Dichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2-Dichloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,3,5-Trimethylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,3-Dichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,3-Dichloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,4-Dichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1-Chlorobutane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
2,2-Dichloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
2-Butanone	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
2-Chlorotoluene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
2-Hexanone	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
2-Nitropropane	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
4-Chlorotoluene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
4-Methyl-2-pentanone	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-001

Client Sample ID: P9-G3-F (16.5)

Matrix: SOLID

Collection Date: 05/19/2011 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acetone	NELAP	41.2	J	26	µg/Kg-dry	1	05/23/2011 11:15	68383
Acrolein	NELAP	82.4		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Acrylonitrile	NELAP	8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Allyl chloride	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Benzene	NELAP	0.8		3.0	µg/Kg-dry	1	05/23/2011 11:15	68383
Bromobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Bromochloromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Bromodichloromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Bromoform	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Bromomethane	NELAP	8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Carbon disulfide	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Carbon tetrachloride	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Chlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Chloroethane	NELAP	8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Chloroform	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Chloromethane	NELAP	8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
cis-1,2-Dichloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
cis-1,3-Dichloropropene	NELAP	3.3		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Cyclohexanone		82.4		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Dibromochloromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Dibromomethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Dichlorodifluoromethane	NELAP	8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Ethyl acetate	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Ethyl ether	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Ethyl methacrylate	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Ethylbenzene	NELAP	4.1	J	2.1	µg/Kg-dry	1	05/23/2011 11:15	68383
Heptane		16.5		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Hexachlorobutadiene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Hexachloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Iodomethane	NELAP	8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Isopropylbenzene	NELAP	4.1	J	1.6	µg/Kg-dry	1	05/23/2011 11:15	68383
m,p-Xylenes	NELAP	4.1		4.4	µg/Kg-dry	1	05/23/2011 11:15	68383
Methacrylonitrile	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Methyl Methacrylate	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Methyl tert-butyl ether	NELAP	1.6		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Methylacrylate		8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Methylene chloride	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Naphthalene	NELAP	8.2	J	2.4	µg/Kg-dry	1	05/23/2011 11:15	68383
n-Butylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
n-Hexane		16.5	J	4.6	µg/Kg-dry	1	05/23/2011 11:15	68383
Nitrobenzene	NELAP	82.4		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
n-Propylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
o-Xylene	NELAP	4.1	J	1.8	µg/Kg-dry	1	05/23/2011 11:15	68383
Pentachloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
p-Isopropyltoluene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Propionitrile	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
sec-Butylbenzene	NELAP	4.1	J	1.2	µg/Kg-dry	1	05/23/2011 11:15	68383



## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-001

Client Sample ID: P9-G3-F (16.5)

Matrix: SOLID

Collection Date: 05/19/2011 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Styrene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
tert-Butylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Tetrachloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Tetrahydrofuran	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Toluene	NELAP	4.1		4.9	µg/Kg-dry	1	05/23/2011 11:15	68383
trans-1,2-Dichloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
trans-1,3-Dichloropropene	NELAP	3.3		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Trichloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Trichlorofluoromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Vinyl acetate	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Vinyl chloride	NELAP	1.6		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		104.2	%REC	1	05/23/2011 11:15	68383
Surr: 4-Bromofluorobenzene		82.1-116		105.5	%REC	1	05/23/2011 11:15	68383
Surr: Dibromofluoromethane		77.7-120		108.9	%REC	1	05/23/2011 11:15	68383
Surr: Toluene-d8		86-116		97.2	%REC	1	05/23/2011 11:15	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-002

Client Sample ID: P9-G3-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 9:30

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	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.2	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.561		Interference	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	J	0.34	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		6.38	mg/Kg-dry	1	05/24/2011 14:24	68384
Barium	NELAP	0.50		19.7	mg/Kg-dry	1	05/24/2011 14:24	68384
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	05/24/2011 14:24	68384
Chromium	NELAP	1.00		18.0	mg/Kg-dry	1	05/24/2011 14:24	68384
Lead	NELAP	4.00		10.8	mg/Kg-dry	1	05/24/2011 14:24	68384
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	05/24/2011 14:24	68384
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.566		< 0.566	mg/Kg-dry	1	05/24/2011 12:31	68382
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.008	mg/Kg-dry	1	05/24/2011 0:00	68361
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.61	#	7.56	mg/Kg-dry	1	05/23/2011 16:42	68365
Kerosene	NELAP	5.61		ND	mg/Kg-dry	1	05/23/2011 16:42	68365
Mineral Spirits	NELAP	5.61		ND	mg/Kg-dry	1	05/23/2011 16:42	68365
Motor Oil	NELAP	5.61		ND	mg/Kg-dry	1	05/23/2011 16:42	68365
Surr: n-Tetracontane		50.6-140		101.1	%REC	1	05/23/2011 16:42	68365
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Surr: 2-Fluorobiphenyl		10-131		68.5	%REC	1	05/23/2011 17:33	68374
Surr: Nitrobenzene-d5		10-132		74.9	%REC	1	05/23/2011 17:33	68374
Surr: p-Terphenyl-d14		30.6-131		95.0	%REC	1	05/23/2011 17:33	68374

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-002

Client Sample ID: P9-G3-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 9:30

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	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
1,2-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
1,3-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
1,4-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2,4,5-Trichlorophenol	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2,4,6-Trichlorophenol	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2,4-Dichlorophenol	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2,4-Dimethylphenol	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2,4-Dinitrotoluene	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2,6-Dinitrotoluene	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2-Chloronaphthalene	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2-Chlorophenol	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2-Methoxy-4-methylphenol		0.728		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2-Methylnaphthalene	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2-Nitrophenol	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
3,3'-Dichlorobenzidine	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
4-Bromophenyl phenyl ether	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
4-Chloro-3-methylphenol	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
4-Chloroaniline	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
4-Chlorophenyl phenyl ether	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
4-Nitroaniline	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
4-Nitrophenol	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Aniline	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Azobenzene		0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Benzidine	NELAP	1.18		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Benzoic acid	NELAP	1.68		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Benzyl alcohol	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Bis(2-chloroethoxy)methane	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Bis(2-chloroethyl)ether	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Bis(2-chloroisopropyl)ether	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Butyl benzyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Carbazole		0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Dibenzofuran	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Diethyl phthalate	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Dimethyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Di-n-butyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Di-n-octyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Hexachlorobenzene	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Hexachlorobutadiene	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Hexachlorocyclopentadiene	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Hexachloroethane	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Isophorone	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
m,p-Cresol	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373



Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-002

Client Sample ID: P9-G3-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 9:30

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	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
N-Nitrosodimethylamine	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
N-Nitroso-di-n-propylamine	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
N-Nitrosodiphenylamine	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
o-Cresol	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Pentachlorophenol	NELAP	2.24		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Phenol	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Pyridine	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
1,2-Diphenylhydrazine		0.940		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Surr: 2,4,6-Tribromophenol		32.7-130		71.6	%REC	1	05/23/2011 17:15	68373
Surr: 2-Fluorobiphenyl		34.1-116		60.3	%REC	1	05/23/2011 17:15	68373
Surr: 2-Fluorophenol		30.5-99		60.7	%REC	1	05/23/2011 17:15	68373
Surr: Nitrobenzene-d5		34.1-101		54.2	%REC	1	05/23/2011 17:15	68373
Surr: Phenol-d5		34.9-110		60.8	%REC	1	05/23/2011 17:15	68373
Surr: p-Terphenyl-d14		41.7-124		67.8	%REC	1	05/23/2011 17:15	68373
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1,1-Trichloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1,2,2-Tetrachloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1,2-Trichloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1-Dichloro-2-propanone		959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1-Dichloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1-Dichloroethene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1-Dichloropropene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2,3-Trichlorobenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2,3-Trichloropropane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2,3-Trimethylbenzene		95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2,4-Trichlorobenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2,4-Trimethylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2-Dibromo-3-chloropropane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2-Dibromoethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2-Dichlorobenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2-Dichloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2-Dichloropropane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,3,5-Trimethylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,3-Dichlorobenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,3-Dichloropropane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,4-Dichlorobenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1-Chlorobutane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
2,2-Dichloropropane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
2-Butanone	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
2-Chlorotoluene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
2-Hexanone	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
2-Nitropropane	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
4-Chlorotoluene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
4-Methyl-2-pentanone	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-002

Client Sample ID: P9-G3-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 9:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acetone	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Acrolein	NELAP	1920		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Acrylonitrile	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Allyl chloride	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Benzene	NELAP	19.2		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Bromobenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Bromochloromethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Bromodichloromethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Bromoform	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Bromomethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Carbon disulfide	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Carbon tetrachloride	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Chlorobenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Chloroethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Chloroform	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Chloromethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
cis-1,2-Dichloroethene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
cis-1,3-Dichloropropene	NELAP	76.7		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Cyclohexanone		1920		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Dibromochloromethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Dibromomethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Dichlorodifluoromethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Ethyl acetate	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Ethyl ether	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Ethyl methacrylate	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Ethylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Heptane		384		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Hexachlorobutadiene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Hexachloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Iodomethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Isopropylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
m,p-Xylenes	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Methacrylonitrile	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Methyl Methacrylate	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Methyl tert-butyl ether	NELAP	38.4		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Methylacrylate		192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Methylene chloride	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Naphthalene	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
n-Butylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
n-Hexane		384		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Nitrobenzene	NELAP	1920		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
n-Propylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
o-Xylene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Pentachloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
p-Isopropyltoluene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Propionitrile	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
sec-Butylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-002

Client Sample ID: P9-G3-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 9:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Styrene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
tert-Butylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Tetrachloroethene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Tetrahydrofuran	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Toluene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
trans-1,2-Dichloroethene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
trans-1,3-Dichloropropene	NELAP	76.7		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Trichloroethene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Trichlorofluoromethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Vinyl acetate	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Vinyl chloride	NELAP	38.4		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		<b>107.0</b>	%REC	12.5	05/23/2011 13:44	68383
Surr: 4-Bromofluorobenzene		82.1-116		<b>105.8</b>	%REC	12.5	05/23/2011 13:44	68383
Surr: Dibromofluoromethane		77.7-120		<b>105.3</b>	%REC	12.5	05/23/2011 13:44	68383
Surr: Toluene-d8		86-116		<b>94.8</b>	%REC	12.5	05/23/2011 13:44	68383

*Elevated reporting limit due to matrix interference.*

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

**Lab ID:** 11051024-003

**Client Sample ID:** P9-FG 1.5-F (16)

**Matrix:** SOLID

**Collection Date:** 05/19/2011 14:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		12.5	%	1	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		87.5	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.617		Interference	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.62		< 0.62	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		6.02	mg/Kg-dry	1	05/24/2011 12:56	68384
Barium	NELAP	0.46		19.1	mg/Kg-dry	1	05/24/2011 12:56	68384
Cadmium	NELAP	0.19	J	0.09	mg/Kg-dry	1	05/24/2011 12:56	68384
Chromium	NELAP	0.93		15.3	mg/Kg-dry	1	05/24/2011 12:56	68384
Lead	NELAP	3.70		12.5	mg/Kg-dry	1	05/24/2011 12:56	68384
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	05/24/2011 12:56	68384
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740 NELAP	0.588		< 0.588	mg/Kg-dry	1	05/24/2011 12:34	68382
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	05/24/2011 0:00	68361
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.71	#	10.2	mg/Kg-dry	1	05/23/2011 17:00	68365
Kerosene	NELAP	5.71		ND	mg/Kg-dry	1	05/23/2011 17:00	68365
Mineral Spirits	NELAP	5.71		ND	mg/Kg-dry	1	05/23/2011 17:00	68365
Motor Oil	NELAP	5.71	#	6.60	mg/Kg-dry	1	05/23/2011 17:00	68365
Surr: n-Tetracontane		50.6-140		94.1	%REC	1	05/23/2011 17:00	68365
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Bis(2-ethylhexyl)phthalate	NELAP	0.077		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Surr: 2-Fluorobiphenyl		10-131		63.4	%REC	1	05/23/2011 18:13	68374
Surr: Nitrobenzene-d5		10-132		73.4	%REC	1	05/23/2011 18:13	68374
Surr: p-Terphenyl-d14		30.6-131		88.6	%REC	1	05/23/2011 18:13	68374

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-003

Client Sample ID: P9-FG 1.5-F (16)

Matrix: SOLID

Collection Date: 05/19/2011 14:55

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	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
1,2-Dichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
1,3-Dichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
1,4-Dichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2,4,5-Trichlorophenol	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2,4,6-Trichlorophenol	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2,4-Dichlorophenol	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2,4-Dimethylphenol	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2,4-Dinitrophenol	NELAP	1.14		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2,4-Dinitrotoluene	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2,6-Dinitrotoluene	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2-Chloronaphthalene	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2-Chlorophenol	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2-Methoxy-4-methylphenol		0.742		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2-Methylnaphthalene	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2-Nitrophenol	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
3,3'-Dichlorobenzidine	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
3-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
4,6-Dinitro-2-methylphenol	NELAP	1.14		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
4-Bromophenyl phenyl ether	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
4-Chloro-3-methylphenol	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
4-Chloroaniline	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
4-Chlorophenyl phenyl ether	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
4-Nitroaniline	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
4-Nitrophenol	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Aniline	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Azobenzene		0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Benzidine	NELAP	1.21		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Benzoic acid	NELAP	1.71		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Benzyl alcohol	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Bis(2-chloroethoxy)methane	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Bis(2-chloroethyl)ether	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Bis(2-chloroisopropyl)ether	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Butyl benzyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Carbazole		0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Dibenzofuran	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Diethyl phthalate	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Dimethyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Di-n-butyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Di-n-octyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Hexachlorobenzene	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Hexachlorobutadiene	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Hexachlorocyclopentadiene	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Hexachloroethane	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Isophorone	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
m,p-Cresol	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-003

Client Sample ID: P9-FG 1.5-F (16)

Matrix: SOLID

Collection Date: 05/19/2011 14:55

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	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
N-Nitrosodimethylamine	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
N-Nitroso-di-n-propylamine	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
N-Nitrosodiphenylamine	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
o-Cresol	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Pentachlorophenol	NELAP	2.28		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Phenol	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Pyridine	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
1,2-Diphenylhydrazine		0.959		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Surr: 2,4,6-Tribromophenol		32.7-130		78.5	%REC	1	05/23/2011 17:47	68373
Surr: 2-Fluorobiphenyl		34.1-116		58.6	%REC	1	05/23/2011 17:47	68373
Surr: 2-Fluorophenol		30.5-99		56.8	%REC	1	05/23/2011 17:47	68373
Surr: Nitrobenzene-d5		34.1-101		51.3	%REC	1	05/23/2011 17:47	68373
Surr: Phenol-d5		34.9-110		60.9	%REC	1	05/23/2011 17:47	68373
Surr: p-Terphenyl-d14		41.7-124		67.4	%REC	1	05/23/2011 17:47	68373
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1,1-Trichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1,2,2-Tetrachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1,2-Trichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1-Dichloro-2-propanone		37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1-Dichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1-Dichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1-Dichloropropene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2,3-Trichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2,3-Trichloropropane	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2,3-Trimethylbenzene		3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2,4-Trichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2,4-Trimethylbenzene	NELAP	3.7	J	0.9	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2-Dibromo-3-chloropropane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2-Dibromoethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2-Dichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2-Dichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2-Dichloropropane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,3,5-Trimethylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,3-Dichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,3-Dichloropropane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,4-Dichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1-Chlorobutane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
2,2-Dichloropropane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
2-Butanone	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
2-Chlorotoluene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
2-Hexanone	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
2-Nitropropane	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
4-Chlorotoluene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
4-Methyl-2-pentanone	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-003

Client Sample ID: P9-FG 1.5-F (16)

Matrix: SOLID

Collection Date: 05/19/2011 14:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acetone	NELAP	37.2	J	25	µg/Kg-dry	1	05/23/2011 12:15	68383
Acrolein	NELAP	74.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Acrylonitrile	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Allyl chloride	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Benzene	NELAP	0.7		1.2	µg/Kg-dry	1	05/23/2011 12:15	68383
Bromobenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Bromochloromethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Bromodichloromethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Bromoform	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Bromomethane	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Carbon disulfide	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Carbon tetrachloride	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Chlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Chloroethane	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Chloroform	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Chloromethane	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
cis-1,2-Dichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
cis-1,3-Dichloropropene	NELAP	3.0		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Cyclohexanone		74.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Dibromochloromethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Dibromomethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Dichlorodifluoromethane	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Ethyl acetate	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Ethyl ether	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Ethyl methacrylate	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Ethylbenzene	NELAP	3.7	J	1.2	µg/Kg-dry	1	05/23/2011 12:15	68383
Heptane		14.9		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Hexachlorobutadiene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Hexachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Iodomethane	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Isopropylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
m,p-Xylenes	NELAP	3.7	J	3.2	µg/Kg-dry	1	05/23/2011 12:15	68383
Methacrylonitrile	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Methyl Methacrylate	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Methyl tert-butyl ether	NELAP	1.5		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Methylacrylate		7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Methylene chloride	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Naphthalene	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
n-Butylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
n-Hexane		14.9	J	2.4	µg/Kg-dry	1	05/23/2011 12:15	68383
Nitrobenzene	NELAP	74.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
n-Propylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
o-Xylene	NELAP	3.7	J	1.3	µg/Kg-dry	1	05/23/2011 12:15	68383
Pentachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
p-Isopropyltoluene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Propionitrile	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
sec-Butylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

**Lab ID:** 11051024-003

**Client Sample ID:** P9-FG 1.5-F (16)

**Matrix:** SOLID

**Collection Date:** 05/19/2011 14:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Styrene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
tert-Butylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Tetrachloroethene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Tetrahydrofuran	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Toluene	NELAP	3.7	J	2.8	µg/Kg-dry	1	05/23/2011 12:15	68383
trans-1,2-Dichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
trans-1,3-Dichloropropene	NELAP	3.0		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Trichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Trichlorofluoromethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Vinyl acetate	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Vinyl chloride	NELAP	1.5		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		107.9	%REC	1	05/23/2011 12:15	68383
Surr: 4-Bromofluorobenzene		82.1-116		91.4	%REC	1	05/23/2011 12:15	68383
Surr: Dibromofluoromethane		77.7-120		114.4	%REC	1	05/23/2011 12:15	68383
Surr: Toluene-d8		86-116		111.6	%REC	1	05/23/2011 12:15	68383

*Surrogate recovery was outside QC limits due to matrix interference.*



Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-004

Client Sample ID: P9-FG 1.5-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 15:00

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	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		88.8	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.630		< 0.630	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.63		< 0.63	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		5.94	mg/Kg-dry	1	05/24/2011 13:12	68384
Barium	NELAP	0.46		15.9	mg/Kg-dry	1	05/24/2011 13:12	68384
Cadmium	NELAP	0.19	J	0.15	mg/Kg-dry	1	05/24/2011 13:12	68384
Chromium	NELAP	0.93		16.1	mg/Kg-dry	1	05/24/2011 13:12	68384
Lead	NELAP	3.70		10.2	mg/Kg-dry	1	05/24/2011 13:12	68384
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	05/24/2011 13:12	68384
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.556		< 0.556	mg/Kg-dry	1	05/24/2011 12:38	68382
<b>SW-846 7471A</b>								
Mercury	NELAP	0.010	J	0.007	mg/Kg-dry	1	05/24/2011 0:00	68361
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.62		ND	mg/Kg-dry	1	05/23/2011 17:18	68365
Kerosene	NELAP	5.62		ND	mg/Kg-dry	1	05/23/2011 17:18	68365
Mineral Spirits	NELAP	5.62		ND	mg/Kg-dry	1	05/23/2011 17:18	68365
Motor Oil	NELAP	5.62		ND	mg/Kg-dry	1	05/23/2011 17:18	68365
Surr: n-Tetracontane		50.6-140		100.9	%REC	1	05/23/2011 17:18	68365
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Surr: 2-Fluorobiphenyl		10-131		65.4	%REC	1	05/23/2011 20:08	68374
Surr: Nitrobenzene-d5		10-132		72.5	%REC	1	05/23/2011 20:08	68374
Surr: p-Terphenyl-d14		30.6-131		93.2	%REC	1	05/23/2011 20:08	68374

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-004

Client Sample ID: P9-FG 1.5-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 15:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
1,2-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
1,3-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
1,4-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2,4,5-Trichlorophenol	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2,4,6-Trichlorophenol	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2,4-Dichlorophenol	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2,4-Dimethylphenol	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2,4-Dinitrotoluene	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2,6-Dinitrotoluene	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2-Chloronaphthalene	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2-Chlorophenol	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2-Methoxy-4-methylphenol		0.731		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2-Methylnaphthalene	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2-Nitrophenol	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
3,3'-Dichlorobenzidine	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
4-Bromophenyl phenyl ether	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
4-Chloro-3-methylphenol	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
4-Chloroaniline	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
4-Chlorophenyl phenyl ether	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
4-Nitroaniline	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
4-Nitrophenol	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Aniline	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Azobenzene		0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Benzidine	NELAP	1.19		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Benzoic acid	NELAP	1.69		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Benzyl alcohol	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Bis(2-chloroethoxy)methane	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Bis(2-chloroethyl)ether	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Bis(2-chloroisopropyl)ether	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Butyl benzyl phthalate	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Carbazole		0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Dibenzofuran	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Diethyl phthalate	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Dimethyl phthalate	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Di-n-butyl phthalate	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Di-n-octyl phthalate	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Hexachlorobenzene	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Hexachlorobutadiene	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Hexachlorocyclopentadiene	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Hexachloroethane	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Isophorone	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
m,p-Cresol	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-004

Client Sample ID: P9-FG 1.5-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 15:00

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	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
N-Nitrosodimethylamine	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
N-Nitroso-di-n-propylamine	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
N-Nitrosodiphenylamine	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
o-Cresol	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Pentachlorophenol	NELAP	2.25		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Phenol	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Pyridine	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
1,2-Diphenylhydrazine		0.944		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Surr: 2,4,6-Tribromophenol		32.7-130		70.1	%REC	1	05/23/2011 18:19	68373
Surr: 2-Fluorobiphenyl		34.1-116		58.0	%REC	1	05/23/2011 18:19	68373
Surr: 2-Fluorophenol		30.5-99		58.3	%REC	1	05/23/2011 18:19	68373
Surr: Nitrobenzene-d5		34.1-101		53.5	%REC	1	05/23/2011 18:19	68373
Surr: Phenol-d5		34.9-110		58.1	%REC	1	05/23/2011 18:19	68373
Surr: p-Terphenyl-d14		41.7-124		67.5	%REC	1	05/23/2011 18:19	68373
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1,1-Trichloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1,2,2-Tetrachloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1,2-Trichloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1-Dichloro-2-propanone		960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1-Dichloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1-Dichloroethene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1-Dichloropropene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2,3-Trichlorobenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2,3-Trichloropropane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2,3-Trimethylbenzene		96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2,4-Trichlorobenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2,4-Trimethylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2-Dibromo-3-chloropropane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2-Dibromoethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2-Dichlorobenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2-Dichloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2-Dichloropropane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,3,5-Trimethylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,3-Dichlorobenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,3-Dichloropropane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,4-Dichlorobenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1-Chlorobutane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
2,2-Dichloropropane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
2-Butanone	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
2-Chlorotoluene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
2-Hexanone	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
2-Nitropropane	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
4-Chlorotoluene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
4-Methyl-2-pentanone	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-004

Client Sample ID: P9-FG 1.5-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 15:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acetone	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Acrolein	NELAP	1920		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Acrylonitrile	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Allyl chloride	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Benzene	NELAP	19.2		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Bromobenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Bromochloromethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Bromodichloromethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Bromoform	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Bromomethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Carbon disulfide	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Carbon tetrachloride	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Chlorobenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Chloroethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Chloroform	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Chloromethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
cis-1,2-Dichloroethene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
cis-1,3-Dichloropropene	NELAP	76.8		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Cyclohexanone		1920		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Dibromochloromethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Dibromomethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Dichlorodifluoromethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Ethyl acetate	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Ethyl ether	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Ethyl methacrylate	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Ethylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Heptane		384		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Hexachlorobutadiene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Hexachloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Iodomethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Isopropylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
m,p-Xylenes	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Methacrylonitrile	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Methyl Methacrylate	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Methyl tert-butyl ether	NELAP	38.4		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Methylacrylate		192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Methylene chloride	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Naphthalene	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
n-Butylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
n-Hexane		384		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Nitrobenzene	NELAP	1920		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
n-Propylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
o-Xylene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Pentachloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
p-Isopropyltoluene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Propionitrile	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
sec-Butylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

**Lab ID:** 11051024-004

**Client Sample ID:** P9-FG 1.5-F (18)

**Matrix:** SOLID

**Collection Date:** 05/19/2011 15:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Styrene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
tert-Butylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Tetrachloroethene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Tetrahydrofuran	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Toluene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
trans-1,2-Dichloroethene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
trans-1,3-Dichloropropene	NELAP	76.8		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Trichloroethene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Trichlorofluoromethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Vinyl acetate	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Vinyl chloride	NELAP	38.4		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		<b>108.9</b>	%REC	12.5	05/23/2011 14:14	68383
Surr: 4-Bromofluorobenzene		82.1-116		<b>105.7</b>	%REC	12.5	05/23/2011 14:14	68383
Surr: Dibromofluoromethane		77.7-120		<b>107.9</b>	%REC	12.5	05/23/2011 14:14	68383
Surr: Toluene-d8		86-116		<b>90.3</b>	%REC	12.5	05/23/2011 14:14	68383

*Elevated reporting limit due to matrix interference.*



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11051024-001	P9-G3-F (16.5)	Solid	5	05/19/2011 9:20
11051024-002	P9-G3-F (18)	Solid	5	05/19/2011 9:30
11051024-003	P9-FG 1.5-F (16)	Solid	5	05/19/2011 14:55
11051024-004	P9-FG 1.5-F (18)	Solid	5	05/19/2011 15:00



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11051024-001A	P9-G3-F (16.5)	05/19/2011 9:20	5/20/2011 4:41:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/23/2011 14:57	05/24/2011 12:45
	SW-846 3050B, Metals by GFAA		05/23/2011 14:53	05/24/2011 12:21
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		05/23/2011 10:20	05/23/2011 16:25
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 11:39	05/23/2011 16:54
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 11:37	05/23/2011 16:43
	SW-846 7471A		05/23/2011 10:03	05/24/2011 0:00
11051024-001B	P9-G3-F (16.5)	05/19/2011 9:20	5/20/2011 4:41:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/20/2011 10:00
	Standard Methods 18th Ed. 2540 G			05/20/2011 10:00
	SW-846 9012A			05/23/2011 14:27
	SW-846 9012A (Total)			05/23/2011 14:27
11051024-001E	P9-G3-F (16.5)	05/19/2011 9:20	5/20/2011 4:41:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/23/2011 11:15
11051024-002A	P9-G3-F (18)	05/19/2011 9:30	5/20/2011 4:41:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/23/2011 14:57	05/24/2011 14:24
	SW-846 3050B, Metals by GFAA		05/23/2011 14:53	05/24/2011 12:31
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		05/23/2011 10:21	05/23/2011 16:42
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 11:39	05/23/2011 17:33
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 11:37	05/23/2011 17:15
	SW-846 7471A		05/23/2011 10:03	05/24/2011 0:00
11051024-002B	P9-G3-F (18)	05/19/2011 9:30	5/20/2011 4:41:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/20/2011 10:00
	Standard Methods 18th Ed. 2540 G			05/20/2011 10:00
	SW-846 9012A			05/23/2011 14:27
	SW-846 9012A (Total)			05/23/2011 14:27
11051024-002E	P9-G3-F (18)	05/19/2011 9:30	5/20/2011 4:41:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			05/23/2011 13:44
11051024-003A	P9-FG 1.5-F (16)	05/19/2011 14:55	5/20/2011 4:41:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/23/2011 14:57	05/24/2011 12:56
	SW-846 3050B, Metals by GFAA		05/23/2011 14:53	05/24/2011 12:34
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		05/23/2011 10:20	05/23/2011 17:00
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 11:39	05/23/2011 18:13
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/23/2011 11:37	05/23/2011 17:47
	SW-846 7471A		05/23/2011 10:03	05/24/2011 0:00
11051024-003B	P9-FG 1.5-F (16)	05/19/2011 14:55	5/20/2011 4:41:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/20/2011 10:00



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

Sample ID	Client Sample ID	Collection Date	Received Date	Test Name	Prep Date/Time	Analysis Date/Time
				Standard Methods 18th Ed. 2540 G		05/20/2011 10:00
				SW-846 9012A		05/23/2011 14:27
				SW-846 9012A (Total)		05/23/2011 14:27
11051024-003E	P9-FG 1.5-F (16)	05/19/2011 14:55	5/20/2011 4:41:00 PM			
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		05/23/2011 12:15
11051024-004A	P9-FG 1.5-F (18)	05/19/2011 15:00	5/20/2011 4:41:00 PM			
				SW-846 3050B, 6010B, Metals by ICP	05/23/2011 14:57	05/24/2011 13:12
				SW-846 3050B, Metals by GFAA	05/23/2011 14:53	05/24/2011 12:38
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	05/23/2011 10:20	05/23/2011 17:18
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	05/23/2011 11:39	05/23/2011 20:08
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	05/23/2011 11:37	05/23/2011 18:19
				SW-846 7471A	05/23/2011 10:03	05/24/2011 0:00
11051024-004B	P9-FG 1.5-F (18)	05/19/2011 15:00	5/20/2011 4:41:00 PM			
				EPA SW846 3550C, 5035A, ASTM D2974		05/20/2011 10:00
				Standard Methods 18th Ed. 2540 G		05/20/2011 10:00
				SW-846 9012A		05/23/2011 14:27
				SW-846 9012A (Total)		05/23/2011 14:27
11051024-004E	P9-FG 1.5-F (18)	05/19/2011 15:00	5/20/2011 4:41:00 PM			
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		05/23/2011 14:14



Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

### STANDARD METHODS 18TH ED. 2540 G

Batch R149709		SampType: LCS		Units %						
SampID: LCS-R149709										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Solids	0.1		1.0	1.0	0	100	90	110	05/20/2011	

Batch R149709		SampType: LCSQC		Units %						
SampID: LCSQC-R149709										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Solids	0.1		1.0	1.0	0	100	90	110	05/20/2011	

Batch R149709		SampType: DUP		Units %		RPD Limit 15				
SampID: 11051024-001BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Solids	0.1		85.5				84.56	1.06	05/20/2011	

### SW-846 9012A (TOTAL)

Batch R149815		SampType: MBLK		Units mg/Kg						
SampID: MB-R149815										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		< 0.01						05/24/2011	

Batch R149815		SampType: LCS		Units mg/Kg						
SampID: LCS-R149815										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		0.03	0.02	0	106.5	85	115	05/24/2011	

Batch R149815		SampType: MS		Units mg/Kg-dry						
SampID: 11051024-001BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.58		2.78	1.40	1.054	123.9	75	125	05/23/2011	

Batch R149815		SampType: MSD		Units mg/Kg-dry		RPD Limit 15				
SampID: 11051024-001BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide	0.59		2.71	1.46	1.054	113.2	2.782	2.59	05/23/2011	

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

Batch 68384		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-68384										
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	05/24/2011	
Barium	0.50		< 0.50	0.50	0	0	-100	100	05/24/2011	
Cadmium	0.20		< 0.20	0.20	0	0	-100	100	05/24/2011	
Chromium	1.00		< 1.00	1.00	0	0	-100	100	05/24/2011	
Lead	4.00		< 4.00	4.00	0	0	-100	100	05/24/2011	
Silver	0.55		< 0.55	0.55	0	0	-100	100	05/24/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

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

Batch 68384 SampType: MBLK Units mg/Kg-dry

SampID: MB-68384

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
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Batch 68384 SampType: LCS Units mg/Kg-dry

SampID: LCS-68384

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	05/24/2011
Barium	0.50		199	200	0	99.4	85	115	05/24/2011
Cadmium	0.20		5.05	5.00	0	101.0	85	115	05/24/2011
Chromium	1.00		21.1	20.0	0	105.4	85	115	05/24/2011
Lead	4.00		51.1	50.0	0	102.2	85	115	05/24/2011
Silver	0.55		4.64	5.00	0	92.8	85	115	05/24/2011

Batch 68384 SampType: MS Units mg/Kg-dry

SampID: 11051024-003AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.31		185	185	6.019	96.4	75	125	05/24/2011
Barium	0.46		187	185	19.11	90.6	75	125	05/24/2011
Cadmium	0.19		4.28	4.63	0.09259	90.4	75	125	05/24/2011
Chromium	0.93		35.6	18.5	15.34	109.5	75	125	05/24/2011
Lead	3.70		55.4	46.3	12.53	92.6	75	125	05/24/2011
Silver	0.51		4.64	4.63	0	100.2	75	125	05/24/2011

Batch 68384 SampType: MSD Units mg/Kg-dry

SampID: 11051024-003AMSD

RPD Limit 20

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic	2.31		189	185	6.019	98.8	184.5	2.38	05/24/2011
Barium	0.46		190	185	19.11	92.1	186.9	1.52	05/24/2011
Cadmium	0.19		4.34	4.63	0.09259	91.8	4.278	1.50	05/24/2011
Chromium	0.93		35.1	18.5	15.34	106.5	35.62	1.60	05/24/2011
Lead	3.70		56.1	46.3	12.53	94.1	55.40	1.25	05/24/2011
Silver	0.51		4.68	4.63	0	101.0	4.639	0.80	05/24/2011

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

Batch 68382 SampType: MBLK Units mg/Kg-dry

SampID: MB-68382

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	05/24/2011

Batch 68382 SampType: LCS Units mg/Kg-dry

SampID: LCS-68382

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Selenium	7740	0.600	3.08	3.00	0	102.8	80	120	05/24/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

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

Batch 68382		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11051024-001AMS										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Selenium	7740	0.600		2.58	3.00	0	86.0	70	130	05/24/2011

Batch 68382		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11051024-001AMSD										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Selenium	7740	0.600		2.48	3.00	0	82.7	2.581	3.92	05/24/2011

**SW-846 7471A**

Batch 68361		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68361										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Mercury		0.010		< 0.010	0.010	0	0	-100	100	05/24/2011

Batch 68361		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-68361										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Mercury		0.010		0.261	0.250	0	104.4	85	115	05/24/2011

Batch 68361		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11051024-003AMS										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Mercury		0.011		0.289	0.272	0.007072	103.6	75	125	05/24/2011

Batch 68361		SampType: MSD		Units mg/Kg-dry				RPD Limit 15		Date Analyzed
SampID: 11051024-003AMSD										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Mercury		0.011		0.291	0.272	0.007072	104.4	0.2889	0.75	05/24/2011

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

Batch 68365		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68365										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Diesel		5.00		ND						05/23/2011
Kerosene		5.00		ND						05/23/2011
Mineral Spirits		5.00		ND						05/23/2011
Motor Oil		5.00		ND						05/23/2011
Surr: n-Tetracontane				0.66	0.67		97.9	54.8	128	05/23/2011

Batch 68365		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-68365										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Diesel		5.00		15.7	16.7	0	93.8	40.4	121	05/23/2011
Surr: n-Tetracontane				0.63	0.67		94.4	54.8	128	05/23/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

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

Batch 68365		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-68365										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		

Batch 68365		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11051024-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Diesel	5.60		<b>25.2</b>	18.7	7.562	94.2	20.3	167	05/23/2011	
Surr: n-Tetracontane			<b>0.73</b>	0.75		97.6	53.9	153	05/23/2011	

Batch 68365		SampType: MSD		Units mg/Kg-dry						RPD Limit 34	Date Analyzed
SampID: 11051024-002AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Diesel	5.60		<b>22.6</b>	18.7	7.562	80.2	25.18	10.93	05/23/2011		
Surr: n-Tetracontane			<b>0.76</b>	0.75		101.3			05/23/2011		

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

Batch 68373		SampType: MBLK		Units %REC						Date Analyzed
SampID: MB-68373										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 2-Fluorobiphenyl			<b>0.551</b>	0.835		66.0	46.3	106	05/24/2011	
Surr: p-Terphenyl-d14			<b>0.501</b>	0.835		60.0	45.5	115	05/24/2011	

Batch 68374		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68374										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.003		<b>ND</b>						05/23/2011	
Acenaphthylene	0.003		<b>ND</b>						05/23/2011	
Anthracene	0.003		<b>ND</b>						05/23/2011	
Benzo(a)anthracene	0.003		<b>ND</b>						05/23/2011	
Benzo(a)pyrene	0.003		<b>ND</b>						05/23/2011	
Benzo(b)fluoranthene	0.003		<b>ND</b>						05/23/2011	
Benzo(g,h,i)perylene	0.003		<b>ND</b>						05/23/2011	
Benzo(k)fluoranthene	0.003		<b>ND</b>						05/23/2011	
Bis(2-ethylhexyl)phthalate	0.067		<b>ND</b>						05/23/2011	
Chrysene	0.003		<b>ND</b>						05/23/2011	
Dibenzo(a,h)anthracene	0.003		<b>ND</b>						05/23/2011	
Fluoranthene	0.003		<b>ND</b>						05/23/2011	
Fluorene	0.003		<b>ND</b>						05/23/2011	
Indeno(1,2,3-cd)pyrene	0.003		<b>ND</b>						05/23/2011	
Naphthalene	0.003		<b>ND</b>						05/23/2011	
Phenanthrene	0.003		<b>ND</b>						05/23/2011	
Pyrene	0.003		<b>ND</b>						05/23/2011	
Surr: 2-Fluorobiphenyl			<b>0.117</b>	0.167		70.1	45.7	89.2	05/23/2011	
Surr: Nitrobenzene-d5			<b>0.135</b>	0.167		80.8	31.4	100	05/23/2011	
Surr: p-Terphenyl-d14			<b>0.174</b>	0.167		104.0	53.3	124	05/23/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

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

Batch 68374		SampType: LCS		Units mg/Kg						
SampID: LCS-68374										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		0.126	0.167	0	75.4	56.3	115	05/23/2011	
Acenaphthylene	0.003		0.122	0.167	0	72.9	60.3	143	05/23/2011	
Anthracene	0.003		0.120	0.167	0	72.1	52.1	109	05/23/2011	
Benzo(a)anthracene	0.003		0.119	0.167	0	71.5	52.8	112	05/23/2011	
Benzo(a)pyrene	0.003		0.124	0.167	0	74.1	40.8	127	05/23/2011	
Benzo(b)fluoranthene	0.003		0.134	0.167	0	80.0	50.1	150	05/23/2011	
Benzo(g,h,i)perylene	0.003		0.132	0.167	0	79.2	52.8	145	05/23/2011	
Benzo(k)fluoranthene	0.003		0.131	0.167	0	78.6	52	153	05/23/2011	
Bis(2-ethylhexyl)phthalate	0.067		0.156	0.167	0	93.2	50	150	05/23/2011	
Chrysene	0.003		0.128	0.167	0	76.6	60.8	128	05/23/2011	
Dibenzo(a,h)anthracene	0.003		0.136	0.167	0	81.6	54.9	150	05/23/2011	
Fluoranthene	0.003		0.128	0.167	0	76.6	58.7	125	05/23/2011	
Fluorene	0.003		0.120	0.167	0	72.1	57.8	125	05/23/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.136	0.167	0	81.2	52	147	05/23/2011	
Naphthalene	0.003		0.118	0.167	0	70.7	54.8	113	05/23/2011	
Phenanthrene	0.003		0.119	0.167	0	71.3	60.4	121	05/23/2011	
Pyrene	0.003		0.128	0.167	0	76.8	57.9	129	05/23/2011	
Surr: 2-Fluorobiphenyl			0.107	0.167		64.1	45.7	89.2	05/23/2011	
Surr: Nitrobenzene-d5			0.116	0.167		69.7	31.4	100	05/23/2011	
Surr: p-Terphenyl-d14			0.159	0.167		95.2	53.3	124	05/23/2011	

Batch 68374		SampType: MS		Units mg/Kg-dry						
SampID: 11051024-003AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.004		0.154	0.191	0	80.8	36	135	05/23/2011	
Acenaphthylene	0.004		0.153	0.191	0	80.4	17.2	167	05/23/2011	
Anthracene	0.004		0.124	0.191	0	64.9	39.3	124	05/23/2011	
Benzo(a)anthracene	0.004		0.121	0.191	0	63.5	10	183	05/23/2011	
Benzo(a)pyrene	0.004		0.129	0.191	0	67.7	10	204	05/23/2011	
Benzo(b)fluoranthene	0.004		0.138	0.191	0	72.3	10.6	178	05/23/2011	
Benzo(g,h,i)perylene	0.004		0.135	0.191	0	70.9	10	168	05/23/2011	
Benzo(k)fluoranthene	0.004		0.131	0.191	0	68.9	27.6	181	05/23/2011	
Bis(2-ethylhexyl)phthalate	0.077		0.161	0.191	0	84.6	50	150	05/23/2011	
Chrysene	0.004		0.128	0.191	0	67.1	10	176	05/23/2011	
Dibenzo(a,h)anthracene	0.004		0.136	0.191	0	71.5	12.2	156	05/23/2011	
Fluoranthene	0.004		0.129	0.191	0	67.9	10	227	05/23/2011	
Fluorene	0.004		0.144	0.191	0	75.2	35.2	148	05/23/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.137	0.191	0	72.1	10	164	05/23/2011	
Naphthalene	0.004		0.124	0.191	0	64.9	14.7	128	05/23/2011	
Phenanthrene	0.004		0.123	0.191	0	64.7	32.8	143	05/23/2011	
Pyrene	0.004		0.130	0.191	0	68.3	10	180	05/23/2011	
Surr: 2-Fluorobiphenyl			0.075	0.191		39.1	10	131	05/23/2011	
Surr: Nitrobenzene-d5			0.088	0.191		46.3	10	132	05/23/2011	
Surr: p-Terphenyl-d14			0.136	0.191		71.5	30.6	131	05/23/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

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

Batch 68374		SampType: MSD		Units mg/Kg-dry				RPD Limit 49.7		Date Analyzed
SampID: 11051024-003AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Acenaphthene	0.004		0.157	0.191	0	82.2	0.1542	1.68	05/23/2011	
Acenaphthylene	0.004		0.157	0.191	0	82.4	0.1534	2.42	05/23/2011	
Anthracene	0.004		0.120	0.191	0	63.1	0.1237	2.84	05/23/2011	
Benzo(a)anthracene	0.004		0.123	0.191	0	64.7	0.1211	1.84	05/23/2011	
Benzo(a)pyrene	0.004		0.130	0.191	0	68.3	0.1291	0.85	05/23/2011	
Benzo(b)fluoranthene	0.004		0.139	0.191	0	73.1	0.1378	1.07	05/23/2011	
Benzo(g,h,i)perylene	0.004		0.137	0.191	0	72.1	0.1351	1.64	05/23/2011	
Benzo(k)fluoranthene	0.004		0.136	0.191	0	71.3	0.1313	3.39	05/23/2011	
Bis(2-ethylhexyl)phthalate	0.076		0.163	0.191	0	85.6	0.1614	1.14	05/23/2011	
Chrysene	0.004		0.131	0.191	0	68.7	0.1279	2.32	05/23/2011	
Dibenzo(a,h)anthracene	0.004		0.142	0.191	0	74.7	0.1363	4.34	05/23/2011	
Fluoranthene	0.004		0.131	0.191	0	68.7	0.1294	1.14	05/23/2011	
Fluorene	0.004		0.147	0.191	0	76.8	0.1435	2.07	05/23/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.141	0.191	0	73.9	0.1374	2.43	05/23/2011	
Naphthalene	0.004		0.127	0.191	0	66.5	0.1237	2.40	05/23/2011	
Phenanthrene	0.004		0.123	0.191	0	64.3	0.1233	0.65	05/23/2011	
Pyrene	0.004		0.130	0.191	0	68.1	0.1302	0.33	05/23/2011	
Surr: 2-Fluorobiphenyl			0.064	0.191		33.7			05/23/2011	
Surr: Nitrobenzene-d5			0.081	0.191		42.5			05/23/2011	
Surr: p-Terphenyl-d14			0.132	0.191		69.3			05/23/2011	

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

Batch 68373		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68373										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		ND						05/23/2011	
1,2-Dichlorobenzene	0.500		ND						05/23/2011	
1,3-Dichlorobenzene	0.500		ND						05/23/2011	
1,4-Dichlorobenzene	0.500		ND						05/23/2011	
2,4,5-Trichlorophenol	0.350		ND						05/23/2011	
2,4,6-Trichlorophenol	0.350		ND						05/23/2011	
2,4-Dichlorophenol	0.500		ND						05/23/2011	
2,4-Dimethylphenol	0.500		ND						05/23/2011	
2,4-Dinitrophenol	1.00		ND						05/23/2011	
2,4-Dinitrotoluene	0.350		ND						05/23/2011	
2,6-Dinitrotoluene	0.350		ND						05/23/2011	
2-Chloronaphthalene	0.350		ND						05/23/2011	
2-Chlorophenol	0.500		ND						05/23/2011	
2-Methoxy-4-methylphenol	0.650		ND						05/23/2011	
2-Methylnaphthalene	0.350		ND						05/23/2011	
2-Nitroaniline	1.00		ND						05/23/2011	
2-Nitrophenol	0.350		ND						05/23/2011	
3,3'-Dichlorobenzidine	0.350		ND						05/23/2011	
3-Nitroaniline	1.00		ND						05/23/2011	
4,6-Dinitro-2-methylphenol	1.00		ND						05/23/2011	
4-Bromophenyl phenyl ether	0.350		ND						05/23/2011	



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

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

Batch 68373		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68373										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
4-Chloro-3-methylphenol	0.500		ND						05/23/2011	
4-Chloroaniline	0.500		ND						05/23/2011	
4-Chlorophenyl phenyl ether	0.350		ND						05/23/2011	
4-Nitroaniline	0.500		ND						05/23/2011	
4-Nitrophenol	0.350		ND						05/23/2011	
Aniline	0.500		ND						05/23/2011	
Azobenzene	0.350		ND						05/23/2011	
Benzidine	1.06		ND						05/23/2011	
Benzoic acid	1.50		ND						05/23/2011	
Benzyl alcohol	0.500		ND						05/23/2011	
Bis(2-chloroethoxy)methane	0.350		ND						05/23/2011	
Bis(2-chloroethyl)ether	0.500		ND						05/23/2011	
Bis(2-chloroisopropyl)ether	0.350		ND						05/23/2011	
Butyl benzyl phthalate	0.350		ND						05/23/2011	
Carbazole	0.500		ND						05/23/2011	
Dibenzofuran	0.350		ND						05/23/2011	
Diethyl phthalate	0.500		ND						05/23/2011	
Dimethyl phthalate	0.350		ND						05/23/2011	
Di-n-butyl phthalate	0.350		ND						05/23/2011	
Di-n-octyl phthalate	0.350		ND						05/23/2011	
Hexachlorobenzene	0.350		ND						05/23/2011	
Hexachlorobutadiene	0.500		ND						05/23/2011	
Hexachlorocyclopentadiene	0.350		ND						05/23/2011	
Hexachloroethane	0.500		ND						05/23/2011	
Isophorone	0.350		ND						05/23/2011	
m,p-Cresol	0.500		ND						05/23/2011	
Nitrobenzene	0.500		ND						05/23/2011	
N-Nitrosodimethylamine	0.500		ND						05/23/2011	
N-Nitroso-di-n-propylamine	0.500		ND						05/23/2011	
N-Nitrosodiphenylamine	0.500		ND						05/23/2011	
o-Cresol	0.500		ND						05/23/2011	
Pentachlorophenol	2.00		ND						05/23/2011	
Phenol	0.350		ND						05/23/2011	
Pyridine	0.500		ND						05/23/2011	
1,2-Diphenylhydrazine	0.840		ND						05/23/2011	
Surr: 2,4,6-Tribromophenol			1.50	1.67		89.6	52.1	113	05/23/2011	
Surr: 2-Fluorobiphenyl			0.538	0.835		64.5	46.3	106	05/23/2011	
Surr: 2-Fluorophenol			1.15	1.67		69.0	50.6	89	05/23/2011	
Surr: Nitrobenzene-d5			0.491	0.835		58.8	42.4	99.2	05/23/2011	
Surr: Nitrobenzene-d5			0.512	0.835		61.3	42.4	99.2	05/24/2011	
Surr: Phenol-d5			1.15	1.67		68.6	55.9	98.5	05/23/2011	
Surr: p-Terphenyl-d14			0.637	0.835		76.3	45.5	115	05/23/2011	

Batch 68373		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-68373										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,2,4-Trichlorobenzene	0.500		1.07	1.67	0	63.9	43.9	92.2	05/23/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

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

Batch 68373		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-68373										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,4-Dichlorobenzene	0.500		1.00	1.67	0	60.0	43.8	84.1	05/23/2011	
2,4,5-Trichlorophenol	0.350		2.75	3.33	0	82.6	38.6	123	05/23/2011	
2,4,6-Trichlorophenol	0.350		2.91	3.33	0	87.5	35.9	123	05/23/2011	
2,4-Dimethylphenol	0.500		2.44	3.33	0	73.4	38.3	88	05/23/2011	
2,4-Dinitrophenol	1.00		2.43	3.33	0	73.0	1.88	162	05/23/2011	
2,4-Dinitrotoluene	0.350		1.10	1.67	0	65.6	48.6	102	05/23/2011	
2-Chlorophenol	0.500		2.25	3.33	0	67.5	46.6	84	05/23/2011	
4-Chloro-3-methylphenol	0.500		2.43	3.33	0	72.8	51.5	94.9	05/23/2011	
4-Nitrophenol	0.350		2.74	3.33	0	82.1	53.2	104	05/23/2011	
Diethyl phthalate	0.500		2.56	3.33	0	76.9	51.7	106	05/23/2011	
Dimethyl phthalate	0.350		2.41	3.33	0	72.3	58.8	104	05/23/2011	
Di-n-butyl phthalate	0.350		1.16	1.67	0	69.4	54.3	105	05/23/2011	
Hexachlorobenzene	0.350		2.60	3.33	0	78.0	55.9	106	05/23/2011	
Hexachlorobutadiene	0.500		2.38	3.33	0	71.6	35.7	100	05/23/2011	
Hexachloroethane	0.500		2.13	3.33	0	63.9	38.9	89.9	05/23/2011	
m,p-Cresol	0.500		1.13	1.67	0	67.9	37.6	93.7	05/23/2011	
Nitrobenzene	0.500		1.89	3.33	0	56.9	51.8	104	05/23/2011	
N-Nitroso-di-n-propylamine	0.500		1.03	1.67	0	61.4	49.1	94.5	05/23/2011	
o-Cresol	0.500		1.07	1.67	0	64.4	43	101	05/23/2011	
Pentachlorophenol	2.00		2.87	3.33	0	86.3	42.2	102	05/23/2011	
Phenol	0.350		2.22	3.33	0	66.7	41.6	81.3	05/23/2011	
Pyridine	0.500		1.42	3.33	0	42.7	3.61	74.3	05/23/2011	
Surr: 2,4,6-Tribromophenol			1.43	1.67		85.9	52.1	113	05/23/2011	
Surr: 2-Fluorobiphenyl			0.478	0.835		57.3	46.3	106	05/23/2011	
Surr: 2-Fluorophenol			0.965	1.67		57.8	50.6	89	05/23/2011	
Surr: Nitrobenzene-d5			0.436	0.835		52.3	42.4	99.2	05/23/2011	
Surr: Phenol-d5			1.06	1.67		63.6	55.9	98.5	05/23/2011	
Surr: p-Terphenyl-d14			0.581	0.835		69.6	45.5	115	05/23/2011	

Batch 68373		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11051024-004AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.563		1.20	1.88	0	63.9	35.9	102	05/24/2011	
1,4-Dichlorobenzene	0.563		1.18	1.88	0	62.7	29.8	95.5	05/24/2011	
2,4,5-Trichlorophenol	0.394		2.74	3.75	0	73.2	38.6	123	05/24/2011	
2,4,6-Trichlorophenol	0.394		3.11	3.75	0	82.9	35.9	123	05/24/2011	
2,4-Dimethylphenol	0.563		2.77	3.75	0	74.0	38.3	88	05/24/2011	
2,4-Dinitrophenol	1.13		2.00	3.75	0	53.4	1.88	162	05/24/2011	
2,4-Dinitrotoluene	0.394		1.27	1.88	0	67.6	37.5	107	05/24/2011	
2-Chlorophenol	0.563		2.55	3.75	0	68.2	22.6	108	05/24/2011	
4-Chloro-3-methylphenol	0.563		2.65	3.75	0	70.8	19.3	131	05/24/2011	
4-Nitrophenol	0.394		2.60	3.75	0	69.5	27.6	123	05/24/2011	
Diethyl phthalate	0.563		2.75	3.75	0	73.3	51.7	106	05/24/2011	
Dimethyl phthalate	0.394		2.73	3.75	0	72.8	58.8	104	05/24/2011	
Di-n-butyl phthalate	0.394		1.32	1.88	0	70.0	54.3	105	05/24/2011	
Hexachlorobenzene	0.394		2.92	3.75	0	77.8	55.9	106	05/24/2011	
Hexachlorobutadiene	0.563		2.76	3.75	0	73.6	35.7	100	05/24/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

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

Batch 68373		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11051024-004AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Hexachloroethane	0.563		2.52	3.75	0	67.3	38.9	89.9	05/24/2011	
m,p-Cresol	0.563		1.25	1.88	0	66.3	37.6	93.7	05/24/2011	
Nitrobenzene	0.563		2.22	3.75	0	59.3	51.8	104	05/24/2011	
N-Nitroso-di-n-propylamine	0.563		1.11	1.88	0	59.3	45.5	99.1	05/24/2011	
o-Cresol	0.563		1.23	1.88	0	65.6	43	101	05/24/2011	
Pentachlorophenol	2.25		2.36	3.75	0	63.0	18.5	113	05/24/2011	
Phenol	0.394		2.52	3.75	0	67.2	20.8	110	05/24/2011	
Pyridine	0.563		1.88	3.75	0	50.2	3.61	74.3	05/24/2011	
Surr: 2,4,6-Tribromophenol			1.14	1.88		60.6	32.7	130	05/24/2011	
Surr: 2-Fluorobiphenyl			0.447	0.940		47.5	34.1	116	05/24/2011	
Surr: 2-Fluorophenol			1.00	1.88		53.2	30.5	99	05/24/2011	
Surr: Nitrobenzene-d5			0.451	0.940		48.0	34.1	101	05/24/2011	
Surr: Phenol-d5			1.10	1.88		58.7	34.9	110	05/24/2011	
Surr: p-Terphenyl-d14			0.609	0.940		64.8	41.7	124	05/24/2011	

Batch 68373		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11051024-004AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,2,4-Trichlorobenzene	0.563		1.23	1.88	0	65.3	1.201	2.19	05/23/2011	
1,4-Dichlorobenzene	0.563		1.19	1.88	0	63.3	1.178	0.99	05/23/2011	
2,4,5-Trichlorophenol	0.394		2.72	3.75	0	72.7	2.742	0.65	05/23/2011	
2,4,6-Trichlorophenol	0.394		3.22	3.75	0	85.9	3.107	3.51	05/23/2011	
2,4-Dimethylphenol	0.563		2.87	3.75	0	76.6	2.773	3.48	05/23/2011	
2,4-Dinitrophenol	1.13		1.78	3.75	0	47.4	2.000	11.91	05/23/2011	
2,4-Dinitrotoluene	0.394		1.35	1.88	0	72.0	1.270	6.33	05/23/2011	
2-Chlorophenol	0.563		2.48	3.75	0	66.1	2.555	3.06	05/23/2011	
4-Chloro-3-methylphenol	0.563		2.75	3.75	0	73.4	2.654	3.52	05/23/2011	
4-Nitrophenol	0.394		2.92	3.75	0	77.9	2.604	11.35	05/23/2011	
Diethyl phthalate	0.563		3.13	3.75	0	83.5	2.747	12.95	05/23/2011	
Dimethyl phthalate	0.394		2.91	3.75	0	77.8	2.727	6.64	05/23/2011	
Di-n-butyl phthalate	0.394		1.40	1.88	0	74.6	1.316	6.29	05/23/2011	
Hexachlorobenzene	0.394		3.19	3.75	0	85.3	2.916	9.09	05/23/2011	
Hexachlorobutadiene	0.563		2.84	3.75	0	75.9	2.758	3.07	05/23/2011	
Hexachloroethane	0.563		2.46	3.75	0	65.5	2.524	2.78	05/23/2011	
m,p-Cresol	0.563		1.27	1.88	0	67.3	1.247	1.45	05/23/2011	
Nitrobenzene	0.563		2.27	3.75	0	60.7	2.224	2.22	05/23/2011	
N-Nitroso-di-n-propylamine	0.563		1.20	1.88	0	64.0	1.114	7.62	05/23/2011	
o-Cresol	0.563		1.22	1.88	0	65.2	1.233	0.69	05/23/2011	
Pentachlorophenol	2.25		2.56	3.75	0	68.2	2.362	7.86	05/23/2011	
Phenol	0.394		2.51	3.75	0	67.1	2.518	0.12	05/23/2011	
Pyridine	0.563		1.86	3.75	0	49.6	1.882	1.23	05/23/2011	
Surr: 2,4,6-Tribromophenol			1.15	1.88		61.0			05/23/2011	
Surr: 2-Fluorobiphenyl			0.383	0.940		40.7			05/23/2011	
Surr: 2-Fluorophenol			0.973	1.88		51.8			05/23/2011	
Surr: Nitrobenzene-d5			0.431	0.940		45.9			05/23/2011	
Surr: Phenol-d5			1.09	1.88		58.0			05/23/2011	
Surr: p-Terphenyl-d14			0.601	0.940		64.0			05/23/2011	



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

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

<b>Batch</b> 68373	<b>SampType:</b> MSD	Units mg/Kg-dry				RPD Limit 40			
SampID: 11051024-004AMSD									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed

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

<b>Batch</b> 68383	<b>SampType:</b> MBLK	Units µg/Kg							
SampID: MBLK-G110523-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1,1,2-Tetrachloroethane	5.0		ND						05/23/2011
1,1,1-Trichloroethane	5.0		ND						05/23/2011
1,1,2,2-Tetrachloroethane	5.0		ND						05/23/2011
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		ND						05/23/2011
1,1,2-Trichloroethane	5.0		ND						05/23/2011
1,1-Dichloro-2-propanone	50.0		ND						05/23/2011
1,1-Dichloroethane	5.0		ND						05/23/2011
1,1-Dichloroethene	5.0		ND						05/23/2011
1,1-Dichloropropene	5.0		ND						05/23/2011
1,2,3-Trichlorobenzene	5.0		ND						05/23/2011
1,2,3-Trichloropropane	10		ND						05/23/2011
1,2,3-Trimethylbenzene	5.0		ND						05/23/2011
1,2,4-Trichlorobenzene	5.0		ND						05/23/2011
1,2,4-Trimethylbenzene	5.0		ND						05/23/2011
1,2-Dibromo-3-chloropropane	5.0		ND						05/23/2011
1,2-Dibromoethane	5.0		ND						05/23/2011
1,2-Dichlorobenzene	5.0		ND						05/23/2011
1,2-Dichloroethane	5.0		ND						05/23/2011
1,2-Dichloropropane	5.0		ND						05/23/2011
1,3,5-Trimethylbenzene	5.0		ND						05/23/2011
1,3-Dichlorobenzene	5.0		ND						05/23/2011
1,3-Dichloropropane	5.0		ND						05/23/2011
1,4-Dichlorobenzene	5.0		ND						05/23/2011
1-Chlorobutane	5.0		ND						05/23/2011
2,2-Dichloropropane	5.0		ND						05/23/2011
2-Butanone	50.0		ND						05/23/2011
2-Chlorotoluene	5.0		ND						05/23/2011
2-Hexanone	50.0		ND						05/23/2011
2-Nitropropane	50.0		ND						05/23/2011
4-Chlorotoluene	5.0		ND						05/23/2011
4-Methyl-2-pentanone	50.0		ND						05/23/2011
Acetone	50.0		ND						05/23/2011
Acrolein	100		ND						05/23/2011
Acrylonitrile	10		ND						05/23/2011
Allyl chloride	5.0		ND						05/23/2011
Benzene	1.0		ND						05/23/2011
Bromobenzene	5.0		ND						05/23/2011
Bromochloromethane	5.0		ND						05/23/2011
Bromodichloromethane	5.0		ND						05/23/2011
Bromoform	5.0		ND						05/23/2011
Bromomethane	10		ND						05/23/2011
Carbon disulfide	5.0		ND						05/23/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

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

Batch 68383		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-G110523-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Carbon tetrachloride	5.0		ND						05/23/2011	
Chlorobenzene	5.0		ND						05/23/2011	
Chloroethane	10		ND						05/23/2011	
Chloroform	5.0		ND						05/23/2011	
Chloromethane	10		ND						05/23/2011	
cis-1,2-Dichloroethene	5.0		ND						05/23/2011	
cis-1,3-Dichloropropene	4.0		ND						05/23/2011	
Cyclohexanone	100		ND						05/23/2011	
Dibromochloromethane	5.0		ND						05/23/2011	
Dibromomethane	5.0		ND						05/23/2011	
Dichlorodifluoromethane	10		ND						05/23/2011	
Ethyl acetate	50.0		ND						05/23/2011	
Ethyl ether	5.0		ND						05/23/2011	
Ethyl methacrylate	5.0		ND						05/23/2011	
Ethylbenzene	5.0		ND						05/23/2011	
Heptane	20.0		ND						05/23/2011	
Hexachlorobutadiene	5.0		ND						05/23/2011	
Hexachloroethane	5.0		ND						05/23/2011	
Iodomethane	10		ND						05/23/2011	
Isopropylbenzene	5.0		ND						05/23/2011	
m,p-Xylenes	5.0		ND						05/23/2011	
Methacrylonitrile	50.0		ND						05/23/2011	
Methyl Methacrylate	5.0		ND						05/23/2011	
Methyl tert-butyl ether	2.0		ND						05/23/2011	
Methylacrylate	10		ND						05/23/2011	
Methylene chloride	5.0	J	1.0						05/23/2011	
Naphthalene	10		ND						05/23/2011	
n-Butylbenzene	5.0		ND						05/23/2011	
n-Hexane	20.0		ND						05/23/2011	
Nitrobenzene	100		ND						05/23/2011	
n-Propylbenzene	5.0		ND						05/23/2011	
o-Xylene	5.0		ND						05/23/2011	
Pentachloroethane	5.0		ND						05/23/2011	
p-Isopropyltoluene	5.0		ND						05/23/2011	
Propionitrile	50.0		ND						05/23/2011	
sec-Butylbenzene	5.0		ND						05/23/2011	
Styrene	5.0		ND						05/23/2011	
tert-Butylbenzene	5.0		ND						05/23/2011	
Tetrachloroethene	5.0		ND						05/23/2011	
Tetrahydrofuran	50.0		ND						05/23/2011	
Toluene	5.0		ND						05/23/2011	
trans-1,2-Dichloroethene	5.0		ND						05/23/2011	
trans-1,3-Dichloropropene	4.0		ND						05/23/2011	
Trichloroethene	5.0		ND						05/23/2011	
Trichlorofluoromethane	5.0		ND						05/23/2011	
Vinyl acetate	50.0		ND						05/23/2011	
Vinyl chloride	2.0		ND						05/23/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

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

Batch 68383		SampType: MBLK		Units µg/Kg						
SampID: MBLK-G110523-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 1,2-Dichloroethane-d4			52.3	50.0		104.6	72.2	131	05/23/2011	
Surr: 4-Bromofluorobenzene			53.9	50.0		107.9	82.1	116	05/23/2011	
Surr: Dibromofluoromethane			53.2	50.0		106.4	77.7	120	05/23/2011	
Surr: Toluene-d8			47.7	50.0		95.4	86	116	05/23/2011	

Batch 68383		SampType: LCSD		Units µg/Kg		RPD Limit 40				
SampID: LCSD-G110523-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		49.3	50.0	0	98.6	50.69	2.82	05/23/2011	
1,1,1-Trichloroethane	5.0		49.3	50.0	0	98.6	50.67	2.70	05/23/2011	
1,1,2,2-Tetrachloroethane	5.0		43.1	50.0	0	86.2	44.49	3.22	05/23/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		41.0	50.0	0	81.9	43.79	6.68	05/23/2011	
1,1,2-Trichloroethane	5.0		45.3	50.0	0	90.6	46.59	2.85	05/23/2011	
1,1-Dichloro-2-propanone	50.0		130	125	0	103.9	134.4	3.50	05/23/2011	
1,1-Dichloroethane	5.0		43.7	50.0	0	87.4	44.85	2.64	05/23/2011	
1,1-Dichloroethene	5.0		41.0	50.0	0	82.0	42.31	3.17	05/23/2011	
1,1-Dichloropropene	5.0		45.5	50.0	0	91.0	47.63	4.55	05/23/2011	
1,2,3-Trichlorobenzene	5.0		51.8	50.0	0	103.6	55.01	6.01	05/23/2011	
1,2,3-Trichloropropane	10		47.6	50.0	0	95.1	48.07	1.07	05/23/2011	
1,2,3-Trimethylbenzene	5.0		44.6	50.0	0	89.3	47.03	5.24	05/23/2011	
1,2,4-Trichlorobenzene	5.0		52.6	50.0	0	105.1	56.78	7.74	05/23/2011	
1,2,4-Trimethylbenzene	5.0		44.8	50.0	0	89.6	47.20	5.17	05/23/2011	
1,2-Dibromo-3-chloropropane	5.0		51.8	50.0	0	103.7	52.93	2.10	05/23/2011	
1,2-Dibromoethane	5.0		47.8	50.0	0	95.5	49.40	3.35	05/23/2011	
1,2-Dichlorobenzene	5.0		45.8	50.0	0	91.6	48.02	4.78	05/23/2011	
1,2-Dichloroethane	5.0		47.3	50.0	0	94.7	49.40	4.26	05/23/2011	
1,2-Dichloropropane	5.0		44.3	50.0	0	88.5	45.73	3.24	05/23/2011	
1,3,5-Trimethylbenzene	5.0		43.9	50.0	0	87.7	45.45	3.56	05/23/2011	
1,3-Dichlorobenzene	5.0		46.3	50.0	0	92.6	48.88	5.38	05/23/2011	
1,3-Dichloropropane	5.0		44.8	50.0	0	89.6	46.06	2.80	05/23/2011	
1,4-Dichlorobenzene	5.0		45.3	50.0	0	90.5	48.09	6.06	05/23/2011	
1-Chlorobutane	5.0		40.5	50.0	0	81.1	42.44	4.58	05/23/2011	
2,2-Dichloropropane	5.0		48.2	50.0	0	96.5	49.09	1.77	05/23/2011	
2-Butanone	50.0		121	125	0	96.7	126.0	4.20	05/23/2011	
2-Chlorotoluene	5.0		43.0	50.0	0	86.1	45.12	4.72	05/23/2011	
2-Hexanone	50.0		122	125	0	97.3	123.9	1.85	05/23/2011	
2-Nitropropane	50.0		545	500	0	109.0	558.3	2.40	05/23/2011	
4-Chlorotoluene	5.0		43.5	50.0	0	87.0	45.66	4.85	05/23/2011	
4-Methyl-2-pentanone	50.0		124	125	0	99.1	126.3	1.91	05/23/2011	
Acetone	50.0		125	125	0	100.1	127.6	1.95	05/23/2011	
Acrylonitrile	10		47.1	50.0	0	94.1	46.53	1.13	05/23/2011	
Allyl chloride	5.0		40.5	50.0	0	81.0	42.63	5.12	05/23/2011	
Benzene	1.0		43.7	50.0	0	87.4	45.52	4.13	05/23/2011	
Bromobenzene	5.0		46.2	50.0	0	92.5	47.64	2.96	05/23/2011	
Bromochloromethane	5.0		44.3	50.0	0	88.5	45.68	3.16	05/23/2011	
Bromodichloromethane	5.0		48.7	50.0	0	97.5	50.84	4.24	05/23/2011	
Bromoform	5.0		53.5	50.0	0	106.9	55.29	3.35	05/23/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

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

Batch 68383	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-G110523-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Bromomethane	10		35.6	50.0	0	71.3	37.22	4.37	05/23/2011	
Carbon disulfide	5.0		36.2	50.0	0	72.4	38.38	5.82	05/23/2011	
Carbon tetrachloride	5.0		50.5	50.0	0	101.0	52.80	4.43	05/23/2011	
Chlorobenzene	5.0		45.7	50.0	0	91.5	47.29	3.35	05/23/2011	
Chloroethane	10		34.4	50.0	0	68.7	34.72	1.07	05/23/2011	
Chloroform	5.0		46.8	50.0	0	93.7	48.46	3.38	05/23/2011	
Chloromethane	10		22.4	50.0	0	44.8	22.37	0.18	05/23/2011	
cis-1,2-Dichloroethene	5.0		46.4	50.0	0	92.7	47.52	2.49	05/23/2011	
cis-1,3-Dichloropropene	4.0		48.6	50.0	0	97.3	51.04	4.79	05/23/2011	
Cyclohexanone	100		245	250	0	97.8	243.0	0.65	05/23/2011	
Dibromochloromethane	5.0		49.6	50.0	0	99.2	51.31	3.41	05/23/2011	
Dibromomethane	5.0		47.9	50.0	0	95.8	50.55	5.38	05/23/2011	
Dichlorodifluoromethane	10		10.9	50.0	0	21.8	11.42	4.75	05/23/2011	
Ethyl acetate	50.0	J	47	50.0	0	94.4	47.11	0.00	05/23/2011	
Ethyl ether	5.0		43.1	50.0	0	86.3	45.02	4.29	05/23/2011	
Ethyl methacrylate	5.0		47.6	50.0	0	95.2	49.07	3.04	05/23/2011	
Ethylbenzene	5.0		45.4	50.0	0	90.9	47.01	3.37	05/23/2011	
Heptane	20.0		38.9	50.0	0	77.8	44.24	12.82	05/23/2011	
Hexachlorobutadiene	5.0		53.6	50.0	0	107.1	57.70	7.46	05/23/2011	
Hexachloroethane	5.0		47.7	50.0	0	95.4	48.29	1.25	05/23/2011	
Iodomethane	10		52.7	50.0	0	105.4	52.21	0.93	05/23/2011	
Isopropylbenzene	5.0		46.6	50.0	0	93.2	48.37	3.73	05/23/2011	
m,p-Xylenes	5.0		91.5	100	0	91.5	96.15	5.00	05/23/2011	
Methacrylonitrile	50.0	J	44	50.0	0	88.1	45.76	0.00	05/23/2011	
Methyl Methacrylate	5.0		51.3	50.0	0	102.5	53.29	3.86	05/23/2011	
Methyl tert-butyl ether	2.0		47.7	50.0	0	95.4	50.03	4.77	05/23/2011	
Methylacrylate	10		46.3	50.0	0	92.7	48.46	4.49	05/23/2011	
Methylene chloride	5.0		44.4	50.0	0	88.7	45.28	2.08	05/23/2011	
Naphthalene	10		48.4	50.0	0	96.8	52.60	8.32	05/23/2011	
n-Butylbenzene	5.0		44.1	50.0	0	88.2	47.77	7.97	05/23/2011	
n-Hexane	20.0		37.9	50.0	0	75.8	41.77	9.72	05/23/2011	
Nitrobenzene	100		566	500	0	113.1	576.8	1.95	05/23/2011	
n-Propylbenzene	5.0		42.8	50.0	0	85.5	45.04	5.22	05/23/2011	
o-Xylene	5.0		45.3	50.0	0	90.6	47.29	4.28	05/23/2011	
Pentachloroethane	5.0		48.3	50.0	0	96.5	50.71	4.95	05/23/2011	
p-Isopropyltoluene	5.0		44.8	50.0	0	89.6	46.62	3.98	05/23/2011	
Propionitrile	50.0		489	500	0	97.9	495.7	1.31	05/23/2011	
sec-Butylbenzene	5.0		44.0	50.0	0	88.1	46.41	5.22	05/23/2011	
Styrene	5.0		47.4	50.0	0	94.8	49.29	3.93	05/23/2011	
tert-Butylbenzene	5.0		43.7	50.0	0	87.5	45.51	3.99	05/23/2011	
Tetrachloroethene	5.0		48.2	50.0	0	96.4	49.52	2.74	05/23/2011	
Tetrahydrofuran	50.0	J	47	50.0	0	93.7	48.86	0.00	05/23/2011	
Toluene	5.0		41.7	50.0	0	83.4	43.28	3.77	05/23/2011	
trans-1,2-Dichloroethene	5.0		43.0	50.0	0	86.0	44.44	3.27	05/23/2011	
trans-1,3-Dichloropropene	4.0		46.2	50.0	0	92.5	48.78	5.35	05/23/2011	
Trichloroethene	5.0		50.0	50.0	0	100	52.05	4.06	05/23/2011	
Trichlorofluoromethane	5.0		40.7	50.0	0	81.4	41.94	3.00	05/23/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

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

Batch 68383		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-G110523-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Vinyl acetate	50.0	J	45	50.0	0	89.4	46.83	0.00	05/23/2011	
Vinyl chloride	2.0		30.8	50.0	0	61.5	31.35	1.93	05/23/2011	
Surr: 1,2-Dichloroethane-d4			52.2	50.0		104.4			05/23/2011	
Surr: 4-Bromofluorobenzene			54.2	50.0		108.5			05/23/2011	
Surr: Dibromofluoromethane			53.2	50.0		106.4			05/23/2011	
Surr: Toluene-d8			47.3	50.0		94.6			05/23/2011	

Batch 68383		SampType: LCS		Units µg/Kg						Date Analyzed
SampID: LCS-G110523-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.0		50.7	50.0	0	101.4	0	200	05/23/2011	
1,1,1-Trichloroethane	5.0		50.7	50.0	0	101.3	85.6	124	05/23/2011	
1,1,2,2-Tetrachloroethane	5.0		44.5	50.0	0	89.0	0	200	05/23/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		43.8	50.0	0	87.6	0	200	05/23/2011	
1,1,2-Trichloroethane	5.0		46.6	50.0	0	93.2	0	200	05/23/2011	
1,1-Dichloro-2-propanone	50.0		134	125	0	107.6	0	200	05/23/2011	
1,1-Dichloroethane	5.0		44.8	50.0	0	89.7	0	200	05/23/2011	
1,1-Dichloroethene	5.0		42.3	50.0	0	84.6	60.1	131	05/23/2011	
1,1-Dichloropropene	5.0		47.6	50.0	0	95.3	0	200	05/23/2011	
1,2,3-Trichlorobenzene	5.0		55.0	50.0	0	110.0	0	200	05/23/2011	
1,2,3-Trichloropropane	10		48.1	50.0	0	96.1	0	200	05/23/2011	
1,2,3-Trimethylbenzene	5.0		47.0	50.0	0	94.1	0	200	05/23/2011	
1,2,4-Trichlorobenzene	5.0		56.8	50.0	0	113.6	0	200	05/23/2011	
1,2,4-Trimethylbenzene	5.0		47.2	50.0	0	94.4	0	200	05/23/2011	
1,2-Dibromo-3-chloropropane	5.0		52.9	50.0	0	105.9	0	200	05/23/2011	
1,2-Dibromoethane	5.0		49.4	50.0	0	98.8	86.9	119	05/23/2011	
1,2-Dichlorobenzene	5.0		48.0	50.0	0	96.0	88	119	05/23/2011	
1,2-Dichloroethane	5.0		49.4	50.0	0	98.8	73	117	05/23/2011	
1,2-Dichloropropane	5.0		45.7	50.0	0	91.5	0	200	05/23/2011	
1,3,5-Trimethylbenzene	5.0		45.4	50.0	0	90.9	0	200	05/23/2011	
1,3-Dichlorobenzene	5.0		48.9	50.0	0	97.8	85.8	125	05/23/2011	
1,3-Dichloropropane	5.0		46.1	50.0	0	92.1	0	200	05/23/2011	
1,4-Dichlorobenzene	5.0		48.1	50.0	0	96.2	84.5	124	05/23/2011	
1-Chlorobutane	5.0		42.4	50.0	0	84.9	0	200	05/23/2011	
2,2-Dichloropropane	5.0		49.1	50.0	0	98.2	0	200	05/23/2011	
2-Butanone	50.0		126	125	0	100.8	45.3	136	05/23/2011	
2-Chlorotoluene	5.0		45.1	50.0	0	90.2	0	200	05/23/2011	
2-Hexanone	50.0		124	125	0	99.1	0	200	05/23/2011	
2-Nitropropane	50.0		558	500	0	111.7	0	200	05/23/2011	
4-Chlorotoluene	5.0		45.7	50.0	0	91.3	0	200	05/23/2011	
4-Methyl-2-pentanone	50.0		126	125	0	101.0	0	200	05/23/2011	
Acetone	50.0		128	125	0	102.1	0	200	05/23/2011	
Acrylonitrile	10		46.5	50.0	0	93.1	0	200	05/23/2011	
Allyl chloride	5.0		42.6	50.0	0	85.3	0	200	05/23/2011	
Benzene	1.0		45.5	50.0	0	91.0	73.9	109	05/23/2011	
Bromobenzene	5.0		47.6	50.0	0	95.3	0	200	05/23/2011	
Bromochloromethane	5.0		45.7	50.0	0	91.4	0	200	05/23/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

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

Batch	SampType:	Units								Date		
68383	LCS	µg/Kg	Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
SampID: LCS-G110523-1												
Bromodichloromethane	5.0		50.8	50.0	0	101.7	91.3	126	05/23/2011			
Bromoform	5.0		55.3	50.0	0	110.6	0	200	05/23/2011			
Bromomethane	10		37.2	50.0	0	74.4	0	200	05/23/2011			
Carbon disulfide	5.0		38.4	50.0	0	76.8	0	200	05/23/2011			
Carbon tetrachloride	5.0		52.8	50.0	0	105.6	83.3	127	05/23/2011			
Chlorobenzene	5.0		47.3	50.0	0	94.6	85.8	116	05/23/2011			
Chloroethane	10		34.7	50.0	0	69.4	0	200	05/23/2011			
Chloroform	5.0		48.5	50.0	0	96.9	80	113	05/23/2011			
Chloromethane	10		22.4	50.0	0	44.7	0	200	05/23/2011			
cis-1,2-Dichloroethene	5.0		47.5	50.0	0	95.0	0	200	05/23/2011			
cis-1,3-Dichloropropene	4.0		51.0	50.0	0	102.1	0	200	05/23/2011			
Cyclohexanone	100		243	250	0	97.2	0	200	05/23/2011			
Dibromochloromethane	5.0		51.3	50.0	0	102.6	89.1	119	05/23/2011			
Dibromomethane	5.0		50.6	50.0	0	101.1	0	200	05/23/2011			
Dichlorodifluoromethane	10		11.4	50.0	0	22.8	0	200	05/23/2011			
Ethyl acetate	50.0	J	47	50.0	0	94.2	0	200	05/23/2011			
Ethyl ether	5.0		45.0	50.0	0	90.0	0	200	05/23/2011			
Ethyl methacrylate	5.0		49.1	50.0	0	98.1	0	200	05/23/2011			
Ethylbenzene	5.0		47.0	50.0	0	94.0	84.1	115	05/23/2011			
Heptane	20.0		44.2	50.0	0	88.5	0	200	05/23/2011			
Hexachlorobutadiene	5.0		57.7	50.0	0	115.4	0	200	05/23/2011			
Hexachloroethane	5.0		48.3	50.0	0	96.6	0	200	05/23/2011			
Iodomethane	10		52.2	50.0	0	104.4	0	200	05/23/2011			
Isopropylbenzene	5.0		48.4	50.0	0	96.7	0	200	05/23/2011			
m,p-Xylenes	5.0		96.2	100	0	96.2	79.1	111	05/23/2011			
Methacrylonitrile	50.0	J	46	50.0	0	91.5	0	200	05/23/2011			
Methyl Methacrylate	5.0		53.3	50.0	0	106.6	0	200	05/23/2011			
Methyl tert-butyl ether	2.0		50.0	50.0	0	100.1	80	128	05/23/2011			
Methylacrylate	10		48.5	50.0	0	96.9	0	200	05/23/2011			
Methylene chloride	5.0		45.3	50.0	0	90.6	73.9	116	05/23/2011			
Naphthalene	10		52.6	50.0	0	105.2	73.1	135	05/23/2011			
n-Butylbenzene	5.0		47.8	50.0	0	95.5	0	200	05/23/2011			
n-Hexane	20.0		41.8	50.0	0	83.5	0	200	05/23/2011			
Nitrobenzene	100		577	500	0	115.4	0	200	05/23/2011			
n-Propylbenzene	5.0		45.0	50.0	0	90.1	0	200	05/23/2011			
o-Xylene	5.0		47.3	50.0	0	94.6	82	117	05/23/2011			
Pentachloroethane	5.0		50.7	50.0	0	101.4	0	200	05/23/2011			
p-Isopropyltoluene	5.0		46.6	50.0	0	93.2	0	200	05/23/2011			
Propionitrile	50.0		496	500	0	99.1	0	200	05/23/2011			
sec-Butylbenzene	5.0		46.4	50.0	0	92.8	0	200	05/23/2011			
Styrene	5.0		49.3	50.0	0	98.6	0	200	05/23/2011			
tert-Butylbenzene	5.0		45.5	50.0	0	91.0	0	200	05/23/2011			
Tetrachloroethene	5.0		49.5	50.0	0	99.0	74.6	115	05/23/2011			
Tetrahydrofuran	50.0	J	49	50.0	0	97.7	0	200	05/23/2011			
Toluene	5.0		43.3	50.0	0	86.6	79.1	112	05/23/2011			
trans-1,2-Dichloroethene	5.0		44.4	50.0	0	88.9	0	200	05/23/2011			
trans-1,3-Dichloropropene	4.0		48.8	50.0	0	97.6	0	200	05/23/2011			

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

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

**Batch 68383**      **SampType: LCS**      Units  $\mu\text{g/Kg}$

SampID: LCS-G110523-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Trichloroethene	5.0		<b>52.0</b>	50.0	0	104.1	81	111	05/23/2011
Trichlorofluoromethane	5.0		<b>41.9</b>	50.0	0	83.9	0	200	05/23/2011
Vinyl acetate	50.0	J	<b>47</b>	50.0	0	93.7	0	200	05/23/2011
Vinyl chloride	2.0		<b>31.4</b>	50.0	0	62.7	0	200	05/23/2011
Surr: 1,2-Dichloroethane-d4			<b>52.2</b>	50.0		104.5	72.2	131	05/23/2011
Surr: 4-Bromofluorobenzene			<b>53.4</b>	50.0		106.8	82.1	116	05/23/2011
Surr: Dibromofluoromethane			<b>53.1</b>	50.0		106.1	77.7	120	05/23/2011
Surr: Toluene-d8			<b>46.8</b>	50.0		93.6	86	116	05/23/2011





# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Carrier: Mike Flora

Received By: JM

Completed by:

Reviewed by:

On:

20-May-11

On:

20-May-11

Timothy W. Mathis

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 4.6
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"/>		

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

Water - 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.



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 100171051024

Project Name: Champion MGP Project Mgr.: Sazama  
Project Number: 624-0128-0120 Cost Code: 30002

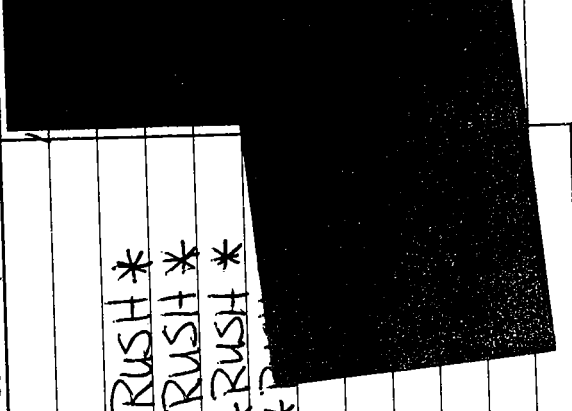
Sampler(s): Floca  
Laboratory Name: Teklab, Inc  
Location: Collinsville, IL

Sample Number and (depth)	Date	Time	Matrix				Total Number of Containers
			Soil	Water	Air	Wipes	
P9-G1-W(3)	5/19/11	0900	X				6
P9-G1-W(8)		0905	X				6
P9-G3-F(16.5)		0920	X				6
P9-G3-F(18)		0930	X				6
P9-E41.5-F(16)		1455	X				6
P9-F41.5-F(18)		1500	X				6

Analyses by Method Name and Number

Method Name and Number	P9-G1-W(3)	P9-G1-W(8)	P9-G3-F(16.5)	P9-G3-F(18)	P9-E41.5-F(16)	P9-F41.5-F(18)
VX (8260)	X	X	X	X	X	X
SVOC (8270)	X	X	X	X	X	X
SVOC (8270S/M)	X	X	X	X	X	X
RCRA Metals	X	X	X	X	X	X
CN-Totals	X	X	X	X	X	X
CN-Amenable	X	X	X	X	X	X
TPH (80150A2)	X	X	X	X	X	X

Lab ID #'s



Comments (Field PID)

\*RUSH\*  
1105102/001 \*RUSH\*  
002 \*RUSH\*  
003 \*RUSH\*  
004 \*

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) \_\_\_\_\_

Requested TAT:  Rush  5 Days  Other

Fax and/or Mail Results to: P. Sazama L. Haskler (P&S)

Send Invoice to: B. Martin (Ameren)

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

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

Reporting Limits: Meet IAC 742/742

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

Lab Directives:

STD  Other

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

Relinquished by: M. Q. F. Signature

Date: 5/20/11 Time: 16:41

Received by:

Signature: J. Martin Date: 5-20-11 Time: 16:4

Distribution: WHITE to Lab CANARY to PM PINK to QA/QC GREEN to Sampler

Shaded Areas to be Completed by

May 24, 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:** 11051024

Dear Pete Sazama:

TEKLAB, INC received 4 samples on 5/20/2011 4:41:00 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



## Case Narrative

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

**Cooler Receipt Temp:** 4.6 °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: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-001

Client Sample ID: P9-G3-F (16.5)

Matrix: SOLID

Collection Date: 05/19/2011 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		15.4	%	1	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		84.6	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.608		< 0.608	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.61		1.05	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.27		6.66	mg/Kg-dry	1	05/24/2011 12:45	68384
Barium	NELAP	0.45		18.9	mg/Kg-dry	1	05/24/2011 12:45	68384
Cadmium	NELAP	0.18		< 0.18	mg/Kg-dry	1	05/24/2011 12:45	68384
Chromium	NELAP	0.91		9.21	mg/Kg-dry	1	05/24/2011 12:45	68384
Lead	NELAP	3.64		13.9	mg/Kg-dry	1	05/24/2011 12:45	68384
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	05/24/2011 12:45	68384
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	05/24/2011 12:21	68382
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	05/24/2011 0:00	68361
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.90	#	17.2	mg/Kg-dry	1	05/23/2011 16:25	68365
Kerosene	NELAP	5.90		ND	mg/Kg-dry	1	05/23/2011 16:25	68365
Mineral Spirits	NELAP	5.90		ND	mg/Kg-dry	1	05/23/2011 16:25	68365
Motor Oil	NELAP	5.90		ND	mg/Kg-dry	1	05/23/2011 16:25	68365
Surr: n-Tetracontane		50.6-140		109.2	%REC	1	05/23/2011 16:25	68365
<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	05/23/2011 16:54	68374
Acenaphthylene	NELAP	0.004		0.028	mg/Kg-dry	1	05/23/2011 16:54	68374
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Bis(2-ethylhexyl)phthalate	NELAP	0.079		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Naphthalene	NELAP	0.004		0.006	mg/Kg-dry	1	05/23/2011 16:54	68374
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 16:54	68374
Surr: 2-Fluorobiphenyl		10-131		71.9	%REC	1	05/23/2011 16:54	68374
Surr: Nitrobenzene-d5		10-132		76.6	%REC	1	05/23/2011 16:54	68374
Surr: p-Terphenyl-d14		30.6-131		97.4	%REC	1	05/23/2011 16:54	68374

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-001

Client Sample ID: P9-G3-F (16.5)

Matrix: SOLID

Collection Date: 05/19/2011 9:20

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	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
1,2-Dichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
1,3-Dichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
1,4-Dichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2,4,5-Trichlorophenol	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2,4,6-Trichlorophenol	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2,4-Dichlorophenol	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2,4-Dimethylphenol	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2,4-Dinitrophenol	NELAP	1.18		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2,4-Dinitrotoluene	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2,6-Dinitrotoluene	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2-Chloronaphthalene	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2-Chlorophenol	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2-Methoxy-4-methylphenol		0.768		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2-Methylnaphthalene	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
2-Nitrophenol	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
3,3'-Dichlorobenzidine	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
3-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
4,6-Dinitro-2-methylphenol	NELAP	1.18		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
4-Bromophenyl phenyl ether	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
4-Chloro-3-methylphenol	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
4-Chloroaniline	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
4-Chlorophenyl phenyl ether	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
4-Nitroaniline	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
4-Nitrophenol	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Aniline	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Azobenzene		0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Benzidine	NELAP	1.25		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Benzoic acid	NELAP	1.77		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Benzyl alcohol	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Bis(2-chloroethoxy)methane	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Bis(2-chloroethyl)ether	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Bis(2-chloroisopropyl)ether	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Butyl benzyl phthalate	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Carbazole		0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Dibenzofuran	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Diethyl phthalate	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Dimethyl phthalate	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Di-n-butyl phthalate	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Di-n-octyl phthalate	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Hexachlorobenzene	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Hexachlorobutadiene	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Hexachlorocyclopentadiene	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Hexachloroethane	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Isophorone	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
m,p-Cresol	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-001

Client Sample ID: P9-G3-F (16.5)

Matrix: SOLID

Collection Date: 05/19/2011 9:20

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	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
N-Nitrosodimethylamine	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
N-Nitroso-di-n-propylamine	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
N-Nitrosodiphenylamine	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
o-Cresol	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Pentachlorophenol	NELAP	2.36		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Phenol	NELAP	0.413		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Pyridine	NELAP	0.591		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
1,2-Diphenylhydrazine		0.992		ND	mg/Kg-dry	1	05/23/2011 16:43	68373
Surr: 2,4,6-Tribromophenol		32.7-130		79.3	%REC	1	05/23/2011 16:43	68373
Surr: 2-Fluorobiphenyl		34.1-116		57.8	%REC	1	05/23/2011 16:43	68373
Surr: 2-Fluorophenol		30.5-99		58.0	%REC	1	05/23/2011 16:43	68373
Surr: Nitrobenzene-d5		34.1-101		51.5	%REC	1	05/23/2011 16:43	68373
Surr: Phenol-d5		34.9-110		58.2	%REC	1	05/23/2011 16:43	68373
Surr: p-Terphenyl-d14		41.7-124		66.4	%REC	1	05/23/2011 16:43	68373
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1,1-Trichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1,2,2-Tetrachloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1,2-Trichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1-Dichloro-2-propanone		41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1-Dichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1-Dichloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,1-Dichloropropene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2,3-Trichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2,3-Trichloropropane	NELAP	8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2,3-Trimethylbenzene		4.1	J	2.5	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2,4-Trichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2,4-Trimethylbenzene	NELAP	4.1	J	0.9	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2-Dibromo-3-chloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2-Dibromoethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2-Dichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2-Dichloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,2-Dichloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,3,5-Trimethylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,3-Dichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,3-Dichloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1,4-Dichlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
1-Chlorobutane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
2,2-Dichloropropane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
2-Butanone	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
2-Chlorotoluene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
2-Hexanone	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
2-Nitropropane	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
4-Chlorotoluene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
4-Methyl-2-pentanone	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-001

Client Sample ID: P9-G3-F (16.5)

Matrix: SOLID

Collection Date: 05/19/2011 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acetone	NELAP	41.2	J	26	µg/Kg-dry	1	05/23/2011 11:15	68383
Acrolein	NELAP	82.4		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Acrylonitrile	NELAP	8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Allyl chloride	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Benzene	NELAP	0.8		3.0	µg/Kg-dry	1	05/23/2011 11:15	68383
Bromobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Bromochloromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Bromodichloromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Bromoform	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Bromomethane	NELAP	8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Carbon disulfide	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Carbon tetrachloride	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Chlorobenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Chloroethane	NELAP	8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Chloroform	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Chloromethane	NELAP	8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
cis-1,2-Dichloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
cis-1,3-Dichloropropene	NELAP	3.3		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Cyclohexanone		82.4		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Dibromochloromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Dibromomethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Dichlorodifluoromethane	NELAP	8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Ethyl acetate	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Ethyl ether	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Ethyl methacrylate	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Ethylbenzene	NELAP	4.1	J	2.1	µg/Kg-dry	1	05/23/2011 11:15	68383
Heptane		16.5		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Hexachlorobutadiene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Hexachloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Iodomethane	NELAP	8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Isopropylbenzene	NELAP	4.1	J	1.6	µg/Kg-dry	1	05/23/2011 11:15	68383
m,p-Xylenes	NELAP	4.1		4.4	µg/Kg-dry	1	05/23/2011 11:15	68383
Methacrylonitrile	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Methyl Methacrylate	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Methyl tert-butyl ether	NELAP	1.6		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Methylacrylate		8.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Methylene chloride	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Naphthalene	NELAP	8.2	J	2.4	µg/Kg-dry	1	05/23/2011 11:15	68383
n-Butylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
n-Hexane		16.5	J	4.6	µg/Kg-dry	1	05/23/2011 11:15	68383
Nitrobenzene	NELAP	82.4		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
n-Propylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
o-Xylene	NELAP	4.1	J	1.8	µg/Kg-dry	1	05/23/2011 11:15	68383
Pentachloroethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
p-Isopropyltoluene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Propionitrile	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
sec-Butylbenzene	NELAP	4.1	J	1.2	µg/Kg-dry	1	05/23/2011 11:15	68383





## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-001

Client Sample ID: P9-G3-F (16.5)

Matrix: SOLID

Collection Date: 05/19/2011 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Styrene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
tert-Butylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Tetrachloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Tetrahydrofuran	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Toluene	NELAP	4.1		4.9	µg/Kg-dry	1	05/23/2011 11:15	68383
trans-1,2-Dichloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
trans-1,3-Dichloropropene	NELAP	3.3		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Trichloroethene	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Trichlorofluoromethane	NELAP	4.1		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Vinyl acetate	NELAP	41.2		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Vinyl chloride	NELAP	1.6		ND	µg/Kg-dry	1	05/23/2011 11:15	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		104.2	%REC	1	05/23/2011 11:15	68383
Surr: 4-Bromofluorobenzene		82.1-116		105.5	%REC	1	05/23/2011 11:15	68383
Surr: Dibromofluoromethane		77.7-120		108.9	%REC	1	05/23/2011 11:15	68383
Surr: Toluene-d8		86-116		97.2	%REC	1	05/23/2011 11:15	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-002

Client Sample ID: P9-G3-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 9:30

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	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.2	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.561		Interference	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	J	0.34	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		6.38	mg/Kg-dry	1	05/24/2011 14:24	68384
Barium	NELAP	0.50		19.7	mg/Kg-dry	1	05/24/2011 14:24	68384
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	05/24/2011 14:24	68384
Chromium	NELAP	1.00		18.0	mg/Kg-dry	1	05/24/2011 14:24	68384
Lead	NELAP	4.00		10.8	mg/Kg-dry	1	05/24/2011 14:24	68384
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	05/24/2011 14:24	68384
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.566		< 0.566	mg/Kg-dry	1	05/24/2011 12:31	68382
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.008	mg/Kg-dry	1	05/24/2011 0:00	68361
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.61	#	7.56	mg/Kg-dry	1	05/23/2011 16:42	68365
Kerosene	NELAP	5.61		ND	mg/Kg-dry	1	05/23/2011 16:42	68365
Mineral Spirits	NELAP	5.61		ND	mg/Kg-dry	1	05/23/2011 16:42	68365
Motor Oil	NELAP	5.61		ND	mg/Kg-dry	1	05/23/2011 16:42	68365
Surr: n-Tetracontane		50.6-140		101.1	%REC	1	05/23/2011 16:42	68365
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 17:33	68374
Surr: 2-Fluorobiphenyl		10-131		68.5	%REC	1	05/23/2011 17:33	68374
Surr: Nitrobenzene-d5		10-132		74.9	%REC	1	05/23/2011 17:33	68374
Surr: p-Terphenyl-d14		30.6-131		95.0	%REC	1	05/23/2011 17:33	68374

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-002

Client Sample ID: P9-G3-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 9:30

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	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
1,2-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
1,3-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
1,4-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2,4,5-Trichlorophenol	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2,4,6-Trichlorophenol	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2,4-Dichlorophenol	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2,4-Dimethylphenol	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2,4-Dinitrotoluene	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2,6-Dinitrotoluene	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2-Chloronaphthalene	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2-Chlorophenol	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2-Methoxy-4-methylphenol		0.728		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2-Methylnaphthalene	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
2-Nitrophenol	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
3,3'-Dichlorobenzidine	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
4-Bromophenyl phenyl ether	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
4-Chloro-3-methylphenol	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
4-Chloroaniline	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
4-Chlorophenyl phenyl ether	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
4-Nitroaniline	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
4-Nitrophenol	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Aniline	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Azobenzene		0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Benzidine	NELAP	1.18		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Benzoic acid	NELAP	1.68		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Benzyl alcohol	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Bis(2-chloroethoxy)methane	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Bis(2-chloroethyl)ether	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Bis(2-chloroisopropyl)ether	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Butyl benzyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Carbazole		0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Dibenzofuran	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Diethyl phthalate	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Dimethyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Di-n-butyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Di-n-octyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Hexachlorobenzene	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Hexachlorobutadiene	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Hexachlorocyclopentadiene	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Hexachloroethane	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Isophorone	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
m,p-Cresol	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

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Matrix: SOLID

Collection Date: 05/19/2011 9:30

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	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
N-Nitrosodimethylamine	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
N-Nitroso-di-n-propylamine	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
N-Nitrosodiphenylamine	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
o-Cresol	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Pentachlorophenol	NELAP	2.24		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Phenol	NELAP	0.392		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Pyridine	NELAP	0.560		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
1,2-Diphenylhydrazine		0.940		ND	mg/Kg-dry	1	05/23/2011 17:15	68373
Surr: 2,4,6-Tribromophenol		32.7-130		71.6	%REC	1	05/23/2011 17:15	68373
Surr: 2-Fluorobiphenyl		34.1-116		60.3	%REC	1	05/23/2011 17:15	68373
Surr: 2-Fluorophenol		30.5-99		60.7	%REC	1	05/23/2011 17:15	68373
Surr: Nitrobenzene-d5		34.1-101		54.2	%REC	1	05/23/2011 17:15	68373
Surr: Phenol-d5		34.9-110		60.8	%REC	1	05/23/2011 17:15	68373
Surr: p-Terphenyl-d14		41.7-124		67.8	%REC	1	05/23/2011 17:15	68373
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1,1-Trichloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1,2,2-Tetrachloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1,2-Trichloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1-Dichloro-2-propanone		959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1-Dichloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1-Dichloroethene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,1-Dichloropropene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2,3-Trichlorobenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2,3-Trichloropropane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2,3-Trimethylbenzene		95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2,4-Trichlorobenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2,4-Trimethylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2-Dibromo-3-chloropropane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2-Dibromoethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2-Dichlorobenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2-Dichloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,2-Dichloropropane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,3,5-Trimethylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,3-Dichlorobenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,3-Dichloropropane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1,4-Dichlorobenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
1-Chlorobutane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
2,2-Dichloropropane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
2-Butanone	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
2-Chlorotoluene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
2-Hexanone	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
2-Nitropropane	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
4-Chlorotoluene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
4-Methyl-2-pentanone	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-002

Client Sample ID: P9-G3-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 9:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acetone	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Acrolein	NELAP	1920		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Acrylonitrile	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Allyl chloride	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Benzene	NELAP	19.2		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Bromobenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Bromochloromethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Bromodichloromethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Bromoform	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Bromomethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Carbon disulfide	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Carbon tetrachloride	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Chlorobenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Chloroethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Chloroform	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Chloromethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
cis-1,2-Dichloroethene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
cis-1,3-Dichloropropene	NELAP	76.7		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Cyclohexanone		1920		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Dibromochloromethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Dibromomethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Dichlorodifluoromethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Ethyl acetate	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Ethyl ether	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Ethyl methacrylate	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Ethylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Heptane		384		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Hexachlorobutadiene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Hexachloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Iodomethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Isopropylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
m,p-Xylenes	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Methacrylonitrile	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Methyl Methacrylate	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Methyl tert-butyl ether	NELAP	38.4		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Methylacrylate		192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Methylene chloride	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Naphthalene	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
n-Butylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
n-Hexane		384		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Nitrobenzene	NELAP	1920		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
n-Propylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
o-Xylene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Pentachloroethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
p-Isopropyltoluene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Propionitrile	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
sec-Butylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051024

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

**Report Date:** 24-May-11

**Lab ID:** 11051024-002

**Client Sample ID:** P9-G3-F (18)

**Matrix:** SOLID

**Collection Date:** 05/19/2011 9:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Styrene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
tert-Butylbenzene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Tetrachloroethene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Tetrahydrofuran	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Toluene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
trans-1,2-Dichloroethene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
trans-1,3-Dichloropropene	NELAP	76.7		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Trichloroethene	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Trichlorofluoromethane	NELAP	95.9		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Vinyl acetate	NELAP	959		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Vinyl chloride	NELAP	38.4		ND	µg/Kg-dry	12.5	05/23/2011 13:44	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		<b>107.0</b>	%REC	12.5	05/23/2011 13:44	68383
Surr: 4-Bromofluorobenzene		82.1-116		<b>105.8</b>	%REC	12.5	05/23/2011 13:44	68383
Surr: Dibromofluoromethane		77.7-120		<b>105.3</b>	%REC	12.5	05/23/2011 13:44	68383
Surr: Toluene-d8		86-116		<b>94.8</b>	%REC	12.5	05/23/2011 13:44	68383

*Elevated reporting limit due to matrix interference.*

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-003

Client Sample ID: P9-FG 1.5-F (16)

Matrix: SOLID

Collection Date: 05/19/2011 14:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		12.5	%	1	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		87.5	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.617		Interference	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.62		< 0.62	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		6.02	mg/Kg-dry	1	05/24/2011 12:56	68384
Barium	NELAP	0.46		19.1	mg/Kg-dry	1	05/24/2011 12:56	68384
Cadmium	NELAP	0.19	J	0.09	mg/Kg-dry	1	05/24/2011 12:56	68384
Chromium	NELAP	0.93		15.3	mg/Kg-dry	1	05/24/2011 12:56	68384
Lead	NELAP	3.70		12.5	mg/Kg-dry	1	05/24/2011 12:56	68384
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	05/24/2011 12:56	68384
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	05/24/2011 12:34	68382
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	05/24/2011 0:00	68361
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.71	#	10.2	mg/Kg-dry	1	05/23/2011 17:00	68365
Kerosene	NELAP	5.71		ND	mg/Kg-dry	1	05/23/2011 17:00	68365
Mineral Spirits	NELAP	5.71		ND	mg/Kg-dry	1	05/23/2011 17:00	68365
Motor Oil	NELAP	5.71	#	6.60	mg/Kg-dry	1	05/23/2011 17:00	68365
Surr: n-Tetracontane		50.6-140		94.1	%REC	1	05/23/2011 17:00	68365
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Bis(2-ethylhexyl)phthalate	NELAP	0.077		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 18:13	68374
Surr: 2-Fluorobiphenyl		10-131		63.4	%REC	1	05/23/2011 18:13	68374
Surr: Nitrobenzene-d5		10-132		73.4	%REC	1	05/23/2011 18:13	68374
Surr: p-Terphenyl-d14		30.6-131		88.6	%REC	1	05/23/2011 18:13	68374

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-003

Client Sample ID: P9-FG 1.5-F (16)

Matrix: SOLID

Collection Date: 05/19/2011 14:55

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	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
1,2-Dichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
1,3-Dichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
1,4-Dichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2,4,5-Trichlorophenol	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2,4,6-Trichlorophenol	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2,4-Dichlorophenol	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2,4-Dimethylphenol	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2,4-Dinitrophenol	NELAP	1.14		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2,4-Dinitrotoluene	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2,6-Dinitrotoluene	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2-Chloronaphthalene	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2-Chlorophenol	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2-Methoxy-4-methylphenol		0.742		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2-Methylnaphthalene	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
2-Nitrophenol	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
3,3'-Dichlorobenzidine	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
3-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
4,6-Dinitro-2-methylphenol	NELAP	1.14		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
4-Bromophenyl phenyl ether	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
4-Chloro-3-methylphenol	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
4-Chloroaniline	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
4-Chlorophenyl phenyl ether	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
4-Nitroaniline	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
4-Nitrophenol	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Aniline	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Azobenzene		0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Benzidine	NELAP	1.21		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Benzoic acid	NELAP	1.71		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Benzyl alcohol	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Bis(2-chloroethoxy)methane	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Bis(2-chloroethyl)ether	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Bis(2-chloroisopropyl)ether	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Butyl benzyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Carbazole		0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Dibenzofuran	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Diethyl phthalate	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Dimethyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Di-n-butyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Di-n-octyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Hexachlorobenzene	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Hexachlorobutadiene	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Hexachlorocyclopentadiene	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Hexachloroethane	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Isophorone	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
m,p-Cresol	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373



Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-003

Client Sample ID: P9-FG 1.5-F (16)

Matrix: SOLID

Collection Date: 05/19/2011 14:55

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	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
N-Nitrosodimethylamine	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
N-Nitroso-di-n-propylamine	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
N-Nitrosodiphenylamine	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
o-Cresol	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Pentachlorophenol	NELAP	2.28		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Phenol	NELAP	0.400		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Pyridine	NELAP	0.571		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
1,2-Diphenylhydrazine		0.959		ND	mg/Kg-dry	1	05/23/2011 17:47	68373
Surr: 2,4,6-Tribromophenol		32.7-130		78.5	%REC	1	05/23/2011 17:47	68373
Surr: 2-Fluorobiphenyl		34.1-116		58.6	%REC	1	05/23/2011 17:47	68373
Surr: 2-Fluorophenol		30.5-99		56.8	%REC	1	05/23/2011 17:47	68373
Surr: Nitrobenzene-d5		34.1-101		51.3	%REC	1	05/23/2011 17:47	68373
Surr: Phenol-d5		34.9-110		60.9	%REC	1	05/23/2011 17:47	68373
Surr: p-Terphenyl-d14		41.7-124		67.4	%REC	1	05/23/2011 17:47	68373
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1,1-Trichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1,2,2-Tetrachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1,2-Trichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1-Dichloro-2-propanone		37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1-Dichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1-Dichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,1-Dichloropropene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2,3-Trichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2,3-Trichloropropane	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2,3-Trimethylbenzene		3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2,4-Trichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2,4-Trimethylbenzene	NELAP	3.7	J	0.9	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2-Dibromo-3-chloropropane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2-Dibromoethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2-Dichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2-Dichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,2-Dichloropropane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,3,5-Trimethylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,3-Dichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,3-Dichloropropane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1,4-Dichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
1-Chlorobutane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
2,2-Dichloropropane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
2-Butanone	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
2-Chlorotoluene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
2-Hexanone	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
2-Nitropropane	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
4-Chlorotoluene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
4-Methyl-2-pentanone	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-003

Client Sample ID: P9-FG 1.5-F (16)

Matrix: SOLID

Collection Date: 05/19/2011 14:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acetone	NELAP	37.2	J	25	µg/Kg-dry	1	05/23/2011 12:15	68383
Acrolein	NELAP	74.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Acrylonitrile	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Allyl chloride	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Benzene	NELAP	0.7		1.2	µg/Kg-dry	1	05/23/2011 12:15	68383
Bromobenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Bromochloromethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Bromodichloromethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Bromoform	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Bromomethane	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Carbon disulfide	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Carbon tetrachloride	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Chlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Chloroethane	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Chloroform	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Chloromethane	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
cis-1,2-Dichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
cis-1,3-Dichloropropene	NELAP	3.0		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Cyclohexanone		74.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Dibromochloromethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Dibromomethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Dichlorodifluoromethane	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Ethyl acetate	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Ethyl ether	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Ethyl methacrylate	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Ethylbenzene	NELAP	3.7	J	1.2	µg/Kg-dry	1	05/23/2011 12:15	68383
Heptane		14.9		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Hexachlorobutadiene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Hexachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Iodomethane	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Isopropylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
m,p-Xylenes	NELAP	3.7	J	3.2	µg/Kg-dry	1	05/23/2011 12:15	68383
Methacrylonitrile	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Methyl Methacrylate	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Methyl tert-butyl ether	NELAP	1.5		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Methylacrylate		7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Methylene chloride	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Naphthalene	NELAP	7.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
n-Butylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
n-Hexane		14.9	J	2.4	µg/Kg-dry	1	05/23/2011 12:15	68383
Nitrobenzene	NELAP	74.4		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
n-Propylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
o-Xylene	NELAP	3.7	J	1.3	µg/Kg-dry	1	05/23/2011 12:15	68383
Pentachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
p-Isopropyltoluene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Propionitrile	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
sec-Butylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383



## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-003

Client Sample ID: P9-FG 1.5-F (16)

Matrix: SOLID

Collection Date: 05/19/2011 14:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Styrene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
tert-Butylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Tetrachloroethene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Tetrahydrofuran	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Toluene	NELAP	3.7	J	2.8	µg/Kg-dry	1	05/23/2011 12:15	68383
trans-1,2-Dichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
trans-1,3-Dichloropropene	NELAP	3.0		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Trichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Trichlorofluoromethane	NELAP	3.7		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Vinyl acetate	NELAP	37.2		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Vinyl chloride	NELAP	1.5		ND	µg/Kg-dry	1	05/23/2011 12:15	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		107.9	%REC	1	05/23/2011 12:15	68383
Surr: 4-Bromofluorobenzene		82.1-116		91.4	%REC	1	05/23/2011 12:15	68383
Surr: Dibromofluoromethane		77.7-120		114.4	%REC	1	05/23/2011 12:15	68383
Surr: Toluene-d8		86-116		111.6	%REC	1	05/23/2011 12:15	68383

Surrogate recovery was outside QC limits due to matrix interference.

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-004

Client Sample ID: P9-FG 1.5-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 15:00

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	05/20/2011 10:00	R149767
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		88.8	%	1	05/20/2011 10:00	R149709
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.630		< 0.630	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.63		< 0.63	mg/Kg-dry	1	05/23/2011 14:27	R149815
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		5.94	mg/Kg-dry	1	05/24/2011 13:12	68384
Barium	NELAP	0.46		15.9	mg/Kg-dry	1	05/24/2011 13:12	68384
Cadmium	NELAP	0.19	J	0.15	mg/Kg-dry	1	05/24/2011 13:12	68384
Chromium	NELAP	0.93		16.1	mg/Kg-dry	1	05/24/2011 13:12	68384
Lead	NELAP	3.70		10.2	mg/Kg-dry	1	05/24/2011 13:12	68384
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	05/24/2011 13:12	68384
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.556		< 0.556	mg/Kg-dry	1	05/24/2011 12:38	68382
<b>SW-846 7471A</b>								
Mercury	NELAP	0.010	J	0.007	mg/Kg-dry	1	05/24/2011 0:00	68361
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.62		ND	mg/Kg-dry	1	05/23/2011 17:18	68365
Kerosene	NELAP	5.62		ND	mg/Kg-dry	1	05/23/2011 17:18	68365
Mineral Spirits	NELAP	5.62		ND	mg/Kg-dry	1	05/23/2011 17:18	68365
Motor Oil	NELAP	5.62		ND	mg/Kg-dry	1	05/23/2011 17:18	68365
Surr: n-Tetracontane		50.6-140		100.9	%REC	1	05/23/2011 17:18	68365
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	05/23/2011 20:08	68374
Surr: 2-Fluorobiphenyl		10-131		65.4	%REC	1	05/23/2011 20:08	68374
Surr: Nitrobenzene-d5		10-132		72.5	%REC	1	05/23/2011 20:08	68374
Surr: p-Terphenyl-d14		30.6-131		93.2	%REC	1	05/23/2011 20:08	68374

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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Report Date: 24-May-11

Lab ID: 11051024-004

Client Sample ID: P9-FG 1.5-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 15:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
1,2-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
1,3-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
1,4-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2,4,5-Trichlorophenol	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2,4,6-Trichlorophenol	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2,4-Dichlorophenol	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2,4-Dimethylphenol	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2,4-Dinitrotoluene	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2,6-Dinitrotoluene	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2-Chloronaphthalene	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2-Chlorophenol	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2-Methoxy-4-methylphenol		0.731		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2-Methylnaphthalene	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
2-Nitrophenol	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
3,3'-Dichlorobenzidine	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
4-Bromophenyl phenyl ether	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
4-Chloro-3-methylphenol	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
4-Chloroaniline	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
4-Chlorophenyl phenyl ether	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
4-Nitroaniline	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
4-Nitrophenol	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Aniline	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Azobenzene		0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Benzidine	NELAP	1.19		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Benzoic acid	NELAP	1.69		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Benzyl alcohol	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Bis(2-chloroethoxy)methane	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Bis(2-chloroethyl)ether	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Bis(2-chloroisopropyl)ether	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Butyl benzyl phthalate	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Carbazole		0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Dibenzofuran	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Diethyl phthalate	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Dimethyl phthalate	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Di-n-butyl phthalate	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Di-n-octyl phthalate	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Hexachlorobenzene	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Hexachlorobutadiene	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Hexachlorocyclopentadiene	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Hexachloroethane	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Isophorone	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
m,p-Cresol	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-004

Client Sample ID: P9-FG 1.5-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 15:00

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	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
N-Nitrosodimethylamine	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
N-Nitroso-di-n-propylamine	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
N-Nitrosodiphenylamine	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
o-Cresol	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Pentachlorophenol	NELAP	2.25		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Phenol	NELAP	0.394		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Pyridine	NELAP	0.562		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
1,2-Diphenylhydrazine		0.944		ND	mg/Kg-dry	1	05/23/2011 18:19	68373
Surr: 2,4,6-Tribromophenol		32.7-130		70.1	%REC	1	05/23/2011 18:19	68373
Surr: 2-Fluorobiphenyl		34.1-116		58.0	%REC	1	05/23/2011 18:19	68373
Surr: 2-Fluorophenol		30.5-99		58.3	%REC	1	05/23/2011 18:19	68373
Surr: Nitrobenzene-d5		34.1-101		53.5	%REC	1	05/23/2011 18:19	68373
Surr: Phenol-d5		34.9-110		58.1	%REC	1	05/23/2011 18:19	68373
Surr: p-Terphenyl-d14		41.7-124		67.5	%REC	1	05/23/2011 18:19	68373
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1,1-Trichloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1,2,2-Tetrachloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1,2-Trichloro-1,2,2-trifluoroethane		96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1,2-Trichloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1-Dichloro-2-propanone		960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1-Dichloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1-Dichloroethene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,1-Dichloropropene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2,3-Trichlorobenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2,3-Trichloropropane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2,3-Trimethylbenzene		96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2,4-Trichlorobenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2,4-Trimethylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2-Dibromo-3-chloropropane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2-Dibromoethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2-Dichlorobenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2-Dichloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,2-Dichloropropane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,3,5-Trimethylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,3-Dichlorobenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,3-Dichloropropane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1,4-Dichlorobenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
1-Chlorobutane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
2,2-Dichloropropane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
2-Butanone	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
2-Chlorotoluene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
2-Hexanone	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
2-Nitropropane	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
4-Chlorotoluene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
4-Methyl-2-pentanone	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-004

Client Sample ID: P9-FG 1.5-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 15:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acetone	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Acrolein	NELAP	1920		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Acrylonitrile	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Allyl chloride	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Benzene	NELAP	19.2		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Bromobenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Bromochloromethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Bromodichloromethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Bromoform	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Bromomethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Carbon disulfide	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Carbon tetrachloride	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Chlorobenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Chloroethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Chloroform	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Chloromethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
cis-1,2-Dichloroethene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
cis-1,3-Dichloropropene	NELAP	76.8		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Cyclohexanone		1920		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Dibromochloromethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Dibromomethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Dichlorodifluoromethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Ethyl acetate	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Ethyl ether	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Ethyl methacrylate	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Ethylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Heptane		384		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Hexachlorobutadiene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Hexachloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Iodomethane	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Isopropylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
m,p-Xylenes	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Methacrylonitrile	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Methyl Methacrylate	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Methyl tert-butyl ether	NELAP	38.4		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Methylacrylate		192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Methylene chloride	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Naphthalene	NELAP	192		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
n-Butylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
n-Hexane		384		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Nitrobenzene	NELAP	1920		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
n-Propylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
o-Xylene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Pentachloroethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
p-Isopropyltoluene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Propionitrile	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
sec-Butylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383



## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051024

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

Report Date: 24-May-11

Lab ID: 11051024-004

Client Sample ID: P9-FG 1.5-F (18)

Matrix: SOLID

Collection Date: 05/19/2011 15:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Styrene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
tert-Butylbenzene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Tetrachloroethene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Tetrahydrofuran	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Toluene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
trans-1,2-Dichloroethene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
trans-1,3-Dichloropropene	NELAP	76.8		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Trichloroethene	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Trichlorofluoromethane	NELAP	96.0		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Vinyl acetate	NELAP	960		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Vinyl chloride	NELAP	38.4		ND	µg/Kg-dry	12.5	05/23/2011 14:14	68383
Surr: 1,2-Dichloroethane-d4		72.2-131		108.9	%REC	12.5	05/23/2011 14:14	68383
Surr: 4-Bromofluorobenzene		82.1-116		105.7	%REC	12.5	05/23/2011 14:14	68383
Surr: Dibromofluoromethane		77.7-120		107.9	%REC	12.5	05/23/2011 14:14	68383
Surr: Toluene-d8		86-116		90.3	%REC	12.5	05/23/2011 14:14	68383

*Elevated reporting limit due to matrix interference.*





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 100171051024

Project Name: Champion MGP Project Mgr.: Sazama  
Project Number: 624-0128-0120 Cost Code: 30002

Sampler(s): Floca  
Laboratory Name: Teklab, Inc  
Location: Collinsville, IL

Sample Number and (depth)	Date	Time	Matrix				Total Number of Containers
			Soil	Water	Air	Wipes	
P9-G1-W(3)	5/19/11	0900	X				9
P9-G1-W(8)		0905	X				9
P9-G3-F(16.5)		0920	X				9
P9-G3-F(18)		0930	X				9
P9-Eg1.5-F(16)		1455	X				9
P9-Fg1.5-F(18)		1500	X				9

Analyses by Method Name and Number

Method Name and Number	P9-G1-W(3)	P9-G1-W(8)	P9-G3-F(16.5)	P9-G3-F(18)	P9-Eg1.5-F(16)	P9-Fg1.5-F(18)
VX (8260)	X	X	X	X	X	X
SVOC (8270)	X	X	X	X	X	X
SVOC (8270SIM)	X	X	X	X	X	X
RCRA Metals	X	X	X	X	X	X
CN-Total	X	X	X	X	X	X
CN-Ammonia	X	X	X	X	X	X
TPH (80150A2)	X	X	X	X	X	X

Comments (Field PID) [Redacted]

1105102401 \*RUSH\*  
012 \*RUSH\*  
003 \*RUSH\*  
004 \*

Lab ID #'s

Laboratory Temperature upon Receipt  
4.6

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) \_\_\_\_\_

Requested TAT:  Rush  5 Days  STD  Other

Fax and/or Mail Results to: P. Sazama L. Haskler (P&S)

Send Invoice to: B. Martin (Ameren)

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

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

Reporting Limits: Meet IAC 742/742

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

Lab Directives:

Shipping:

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

Signature: [Signature]

Relinquished by:

Signature: [Signature]

Date: 5/20/11

Time: 16:41

Received by:

Signature: [Signature]

Date: 5-20-11

Time: 16:4

Distribution: WHITE to Lab CANARY to PM PINK to QA/QC GREEN to Sampler

PE-179 (6/03)

Shaded Areas to be Completed by

# ANALYTICAL REPORT

May 27, 2011

Work Order: 11E1203

Page 1 of 9

Report To
Heather White Teklab, Inc. 5445 Horseshoe Lake Road Collinsville, IL 62234

Work Order Information
Date Received: 05/24/2011 10:10AM Collector: Phone: (618) 344-1004 PO Number: 16701

Project : Subcontract - HW Project

Project Number: 11051087

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
<b>11E1203-01</b>	11051087-001			Matrix:Soil		Collected: 05/23/11 14:15	
Dalapon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
3,5-Dichlorobenzoic acid	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Dicamba	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Dichlorprop	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
2,4-D	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Pentachlorophenol	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
2,4,5-TP (Silvex)	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Chloramben	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
2,4,5-T	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
2,4-DB	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Bentazon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Picloram	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Dinoseb	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
DCPA	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
Acifluorfen	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 17:46	
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	73.0 %			24-140	EPP	05/26/11 17:46	
<b>% Solids</b>	<b>90.2 %</b>	<b>0.1</b>	1E12451	SM 2540 G	MAV	05/25/11 8:05	
<b>11E1203-02</b>	11051087-002			Matrix:Soil		Collected: 05/23/11 14:30	
Dalapon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
3,5-Dichlorobenzoic acid	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
Dicamba	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
Dichlorprop	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
2,4-D	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
Pentachlorophenol	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
2,4,5-TP (Silvex)	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	

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Work Order: 11E1203

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
<b>11E1203-02</b>	11051087-002			Matrix:Soil		Collected: 05/23/11 14:30	
Chloramben	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
2,4,5-T	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
2,4-DB	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
Bentazon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
Picloram	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
Dinoseb	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
DCPA	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
Acifluorfen	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 18:33	
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	77.6 %			24-140	EPP	05/26/11 18:33	
<b>% Solids</b>	<b>87.4 %</b>	<b>0.1</b>	1E12451	SM 2540 G	MAV	05/25/11 8:05	
<b>11E1203-03</b>	11051087-003			Matrix:Soil		Collected: 05/23/11 14:40	
Dalapon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
3,5-Dichlorobenzoic acid	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Dicamba	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Dichlorprop	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
2,4-D	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Pentachlorophenol	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
2,4,5-TP (Silvex)	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Chloramben	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
2,4,5-T	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
2,4-DB	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Bentazon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Picloram	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Dinoseb	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
DCPA	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
Acifluorfen	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 19:20	
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	85.3 %			24-140	EPP	05/26/11 19:20	
<b>% Solids</b>	<b>79.9 %</b>	<b>0.1</b>	1E12451	SM 2540 G	MAV	05/25/11 8:05	
<b>11E1203-04</b>	11051087-004			Matrix:Soil		Collected: 05/23/11 14:50	
Dalapon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
3,5-Dichlorobenzoic acid	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Dicamba	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Dichlorprop	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
2,4-D	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Pentachlorophenol	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
2,4,5-TP (Silvex)	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Chloramben	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	

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Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
<b>11E1203-04</b>	11051087-004			Matrix:Soil		Collected: 05/23/11 14:50	
2,4,5-T	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
2,4-DB	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Bentazon	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Picloram	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Dinoseb	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
DCPA	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Acifluorfen	<0.05 mg/kg dry	0.05	1E12456	EPA 8151A	EPP	05/26/11 20:08	
Surrogate: 2,5-Dichlorobenzoic Acid	94.7 %			24-140	EPP	05/26/11 20:08	
<b>% Solids</b>	<b>83.1 %</b>	<b>0.1</b>	1E12451	SM 2540 G	MAV	05/25/11 8:05	

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Work Order: 11E1203

**Determination of Chlorinated Phenoxy Herbicides - Quality Control**  
**Keystone Laboratories, Inc. - Newton**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1E12456 - EPA 8151A**

**Blank (1E12456-BLK1)**

Prepared: 05/24/11 Analyzed: 05/26/11

<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	0.0473		mg/kg wet	0.0760000		62.3	24-140			
Dalapon	ND	0.05	"							
3,5-Dichlorobenzoic acid	ND	0.05	"							
Dicamba	ND	0.05	"							
Dichlorprop	ND	0.05	"							
2,4-D	ND	0.05	"							
Pentachlorophenol	ND	0.05	"							
2,4,5-TP (Silvex)	ND	0.05	"							
Chloramben	ND	0.05	"							
2,4,5-T	ND	0.05	"							
2,4-DB	ND	0.05	"							
Bentazon	ND	0.05	"							
Picloram	ND	0.05	"							
Dinoseb	ND	0.05	"							
DCPA	ND	0.05	"							
Acifluorfen	ND	0.05	"							

**LCS (1E12456-BS1)**

Prepared: 05/24/11 Analyzed: 05/26/11

<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	0.0597		mg/kg wet	0.0760000		78.5	24-140			
Dalapon	0.125	0.05	"	0.208000		60.3	10-93			
3,5-Dichlorobenzoic acid	0.018	0.05	"	0.0160000		110	53-129			
Dicamba	0.014	0.05	"	0.0160000		84.4	38-123			
Dichlorprop	0.047	0.05	"	0.0480000		97.2	31-127			
2,4-D	0.028	0.05	"	0.0320000		88.5	23-127			
Pentachlorophenol	0.015	0.05	"	0.0160000		95.8	10-93			QS-01
2,4,5-TP (Silvex)	0.015	0.05	"	0.0160000		93.7	35-116			
Chloramben	0.018	0.05	"	0.0160000		112	10-94			QS-02
2,4,5-T	0.014	0.05	"	0.0160000		84.4	26-104			
2,4-DB	0.137	0.05	"	0.128000		107	42-122			
Bentazon	0.029	0.05	"	0.0320000		91.7	42-133			
Picloram	0.014	0.05	"	0.0160000		86.5	19-157			
Dinoseb	0.019	0.05	"	0.0320000		58.9	10-90			
DCPA	0.013	0.05	"	0.0160000		79.2	10-117			
Acifluorfen	0.014	0.05	"	0.0160000		88.5	24-113			

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Work Order: 11E1203

**Determination of Chlorinated Phenoxy Herbicides - Quality Control**  
**Keystone Laboratories, Inc. - Newton**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1E12456 - EPA 8151A**

**Matrix Spike (1E12456-MS1)**

Source: 11E1093-01

Prepared: 05/24/11 Analyzed: 05/26/11

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	0.0689		mg/kg wet	0.0757224		91.0	24-140			
Dalapon	0.196	0.05	"	0.207240	ND	94.5	19-156			
3,5-Dichlorobenzoic acid	0.015	0.05	"	0.0159416	ND	95.8	38.9-181			
Dicamba	0.017	0.05	"	0.0159416	ND	105	40-153			
Dichlorprop	0.045	0.05	"	0.0478246	ND	93.1	19.6-138			
2,4-D	0.035	0.05	"	0.0318831	ND	109	10-146			
Pentachlorophenol	0.017	0.05	"	0.0159416	ND	104	16-127			
2,4,5-TP (Silvex)	0.015	0.05	"	0.0159416	ND	92.7	31.2-159			
Chloramben	0.016	0.05	"	0.0159416	ND	103	10-133			
2,4,5-T	0.013	0.05	"	0.0159416	ND	84.4	16.4-152			
2,4-DB	0.198	0.05	"	0.127532	ND	155	35.3-156			
Bentazon	0.030	0.05	"	0.0318831	ND	94.8	10-150			
Picloram	0.015	0.05	"	0.0159416	ND	94.8	45-146			
Dinoseb	0.014	0.05	"	0.0318831	ND	45.3	10-90			
DCPA	0.014	0.05	"	0.0159416	ND	88.5	10-151			
Acifluorfen	0.018	0.05	"	0.0159416	ND	110	10-161			

**Matrix Spike Dup (1E12456-MSD1)**

Source: 11E1093-01

Prepared: 05/24/11 Analyzed: 05/26/11

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	0.0837		mg/kg wet	0.0758483		110	24-140			
Dalapon	0.209	0.05	"	0.207585	ND	100	19-156	6.33	30	
3,5-Dichlorobenzoic acid	0.015	0.05	"	0.0159681	ND	92.7	38.9-181	3.15	30	
Dicamba	0.020	0.05	"	0.0159681	ND	127	40-153	19.0	30	
Dichlorprop	0.045	0.05	"	0.0479042	ND	93.4	19.6-138	0.539	30	
2,4-D	0.037	0.05	"	0.0319361	ND	116	10-146	6.20	30	
Pentachlorophenol	0.017	0.05	"	0.0159681	ND	104	16-127	0.166	30	
2,4,5-TP (Silvex)	0.015	0.05	"	0.0159681	ND	95.8	31.2-159	3.48	30	
Chloramben	0.012	0.05	"	0.0159681	ND	76.0	10-133	30.1	30	QR-02
2,4,5-T	0.015	0.05	"	0.0159681	ND	92.7	16.4-152	9.58	30	
2,4-DB	0.175	0.05	"	0.127744	ND	137	35.3-156	12.3	30	
Bentazon	0.031	0.05	"	0.0319361	ND	96.9	10-150	2.34	30	
Picloram	0.014	0.05	"	0.0159681	ND	88.5	45-146	6.65	30	
Dinoseb	0.017	0.05	"	0.0319361	ND	54.7	10-90	18.9	30	
DCPA	0.015	0.05	"	0.0159681	ND	93.8	10-151	5.88	30	
Acifluorfen	0.018	0.05	"	0.0159681	ND	111	10-161	1.11	30	

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Work Order: 11E1203

**Determination of Chlorinated Phenoxy Herbicides - Quality Control**  
**Keystone Laboratories, Inc. - Newton**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1E12456 - EPA 8151A</b>										
<b>Reference (1E12456-SRM1)</b>				Prepared: 05/24/11 Analyzed: 05/26/11						
<i>Surrogate: 2,5-Dichlorobenzoic Acid</i>	0.0727		mg/kg wet	0.0760000		95.6	24-140			
Dalapon	0.196	0.05	"	0.208000		94.1	70-130			
3,5-Dichlorobenzoic acid	0.016	0.05	"	0.0160000		101	70-130			
Dicamba	0.016	0.05	"	0.0160000		101	70-130			
Dichlorprop	0.046	0.05	"	0.0480000		95.1	70-130			
2,4-D	0.032	0.05	"	0.0320000		102	70-130			
Pentachlorophenol	0.017	0.05	"	0.0160000		108	70-130			
2,4,5-TP (Silvex)	0.016	0.05	"	0.0160000		103	70-130			
Chloramben	0.016	0.05	"	0.0160000		102	70-130			
2,4,5-T	0.016	0.05	"	0.0160000		102	70-130			
2,4-DB	0.176	0.05	"	0.128000		138	70-130			QR-05
Bentazon	0.035	0.05	"	0.0320000		110	70-130			
Picloram	0.015	0.05	"	0.0160000		92.7	70-130			
Dinoseb	0.046	0.05	"	0.0320000		144	70-130			QR-05
DCPA	0.012	0.05	"	0.0160000		78.1	70-130			
Acifluorfen	0.015	0.05	"	0.0160000		91.7	70-130			

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Work Order: 11E1203

**Determination of Conventional Chemistry Parameters - Quality Control**  
**Keystone Laboratories, Inc. - Newton**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1E12451 - Wet Chem Preparation</b>										
<b>Duplicate (1E12451-DUP1)</b>		<b>Source: 11E1203-04</b>			Prepared: 05/24/11		Analyzed: 05/25/11			
% Solids	83.1	0.1	%		83.1			0.0120	20	

ND = Non Detect; REC= Recovery; RPD= Relative Percent Difference

**Certified Analyses included in this Report**

Method/Matrix	Analyte	Certifications
<b>EPA 8151A in Soil</b>		
	Dalapon	KS-NT,NELAC
	Dicamba	KS-NT,NELAC,SIA1X
	Dichlorprop	NELAC
	2,4-D	KS-NT,NELAC,SIA1X
	2,4,5-TP (Silvex)	KS-NT,NELAC,SIA1X
	2,4,5-T	KS-NT,NELAC
	2,4-DB	NELAC
	Picloram	KS-NT,NELAC
	Dinoseb	KS-NT,NELAC
	Acifluorfen	SIA1X
<b>SM 2540 G in Soil</b>		
	% Solids	SIA1X

Code	Description	Number	Expires
KS-KC	Kansas Department of Health and Environment-KC	E-10110	04/30/2012
KS-NT	Kansas Department of Health and Environment	E-10287	10/30/2011
NELAC	New Jersey Department of Environmental Protection	IA001	06/30/2011
SIA1X	Iowa Department of Natural Resources	95	02/01/2012

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**Work Order: 11E1203**

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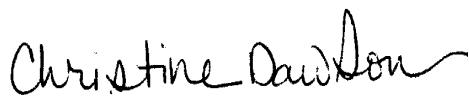
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**Notes and Definitions**

- QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- QR-05 The reference standard was outside of established control limits. The batch was accepted based on acceptable LCS, MS/MSD and RPD results.
- QS-01 The blank spike recovery and/or blank spike duplicate recovery were outside the established acceptance limits. Batch was accepted based on acceptable MS/MSD/RPD results.
- QS-02 The spike recovery for this QC sample exceeded established acceptance limits. However, all samples were below the reporting and/or regulatory limit so the data is acceptable.

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End of Report



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Keystone Laboratories, Inc.

Christine Dawson  
Project Manager

Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234

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Work Order: **11E1203**

**11E1203**

**Teklab Chain of Custody**  
Pg. \_\_\_\_\_ of \_\_\_\_\_  
5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618)344-1004 ~ Fax: (618)344-1005

Are the samples chilled?  Yes  No with:  Ice  Blue ice Preserved in  Lab  Field

Sampler: Client Cooler Temp: QC Level: Level 3

Comments: Please, analyze for Herbicides per the below stated method and a due date of 5/24/11 if possible.  
Level 3 to include batch QC, blank and LCS.

Project # **11051087** IL **62234** Phone **618-344-1004 X20** Billing/PO **16701**

Contact **Heather White** e-Mail **hwwhite@teklabinc.com**

**Please note:**  
NELAP accreditation is required on the requested analytes, and it must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes please contact Teklab immediately.

Sample ID	Sample Date/Time	Preservative	Matrix	<b>SW-848 9B 81S</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11051087-001	5/23/11 1415	Unpres	Soil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11051087-002	5/23/11 1430	Unpres	Soil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11051087-003	5/23/11 1440	Unpres	Soil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11051087-004	5/23/11 1450	Unpres	Soil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Unpres		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Unpres		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Unpres		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Unpres		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Relinquished By	Date/Time	Received By	Date/Time
<i>Marvin A. Dalrymple II</i>	5/23/11 1800	<i>Y.M. Maini</i>	5/24/11 10:10 AM

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL = Method Reporting Limit.

June 09, 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:** 11051268

Dear Pete Sazama:

TEKLAB, INC received 8 samples on 5/26/2011 12:50:00 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:** 11051268

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

**Report Date:** 09-Jun-11

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**This reporting package includes the following:**

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**Client:** PSC Industrial Outsourcing, LP

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**Report Date:** 09-Jun-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            |

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Cooler Receipt Temp: 4.0 °C

Locations and Accreditations

**Collinsville**

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

**Springfield**

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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: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-001

Client Sample ID: P9-H4-W (17)

Matrix: SOLID

Collection Date: 05/25/2011 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		11.6	%	1	05/31/2011 11:30	R150136
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		88.4	%	1	05/31/2011 11:30	R150089
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.611		Interference	mg/Kg-dry	1	05/31/2011 9:07	R150127
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.58	SR	< 0.58	mg/Kg-dry	1	06/01/2011 9:20	R150127
<i>Matrix interference present in sample. RPD was outside of QC limit.</i>								
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		4.86	mg/Kg-dry	1	06/01/2011 4:25	68543
Barium	NELAP	0.50		16.4	mg/Kg-dry	1	06/01/2011 4:25	68543
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	06/01/2011 4:25	68543
Chromium	NELAP	1.00		15.6	mg/Kg-dry	1	06/01/2011 4:25	68543
Lead	NELAP	4.00		8.66	mg/Kg-dry	1	06/01/2011 4:25	68543
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	06/01/2011 4:25	68543
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.577		< 0.577	mg/Kg-dry	1	06/02/2011 11:43	68589
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	05/31/2011 10:36	68529
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Bis(2-ethylhexyl)phthalate	NELAP	0.076		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Phenanthrene	NELAP	0.004		0.005	mg/Kg-dry	1	06/02/2011 21:49	68579
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/02/2011 21:49	68579
Surr: 2-Fluorobiphenyl		10-131		48.8	%REC	1	06/02/2011 21:49	68579
Surr: Nitrobenzene-d5		10-132		46.9	%REC	1	06/02/2011 21:49	68579
Surr: p-Terphenyl-d14		80.2-138	S	78.0	%REC	1	06/02/2011 21:49	68579
<i>Surrogate recovery was outside QC limits due to matrix interference.</i>								
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
1,2-Dichlorobenzene	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
1,3-Dichlorobenzene	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
1,4-Dichlorobenzene	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-001

Client Sample ID: P9-H4-W (17)

Matrix: SOLID

Collection Date: 05/25/2011 12:30

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	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
2,4,6-Trichlorophenol	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
2,4-Dichlorophenol	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
2,4-Dimethylphenol	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
2,4-Dinitrophenol	NELAP	282		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
2,4-Dinitrotoluene	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
2,6-Dinitrotoluene	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
2-Chloronaphthalene	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
2-Chlorophenol	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
2-Methoxy-4-methylphenol		183		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
2-Methylnaphthalene	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
2-Nitroaniline	NELAP	282		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
2-Nitrophenol	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
3,3'-Dichlorobenzidine	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
3-Nitroaniline	NELAP	282		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
4,6-Dinitro-2-methylphenol	NELAP	282		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
4-Bromophenyl phenyl ether	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
4-Chloro-3-methylphenol	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
4-Chloroaniline	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
4-Chlorophenyl phenyl ether	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
4-Nitroaniline	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
4-Nitrophenol	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Aniline	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Azobenzene		98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Benzidine	NELAP	298		see note	mg/Kg-dry	50	06/02/2011 2:22	68535
Benzoic acid	NELAP	423		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Benzyl alcohol	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Bis(2-chloroethoxy)methane	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Bis(2-chloroethyl)ether	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Bis(2-chloroisopropyl)ether	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Butyl benzyl phthalate	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Carbazole		141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Dibenzofuran	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Diethyl phthalate	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Dimethyl phthalate	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Di-n-butyl phthalate	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Di-n-octyl phthalate	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Hexachlorobenzene	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Hexachlorobutadiene	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Hexachlorocyclopentadiene	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Hexachloroethane	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Isophorone	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
m,p-Cresol	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Nitrobenzene	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
N-Nitrosodimethylamine	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
N-Nitroso-di-n-propylamine	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
N-Nitrosodiphenylamine	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535



Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-001

Client Sample ID: P9-H4-W (17)

Matrix: SOLID

Collection Date: 05/25/2011 12:30

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	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Pentachlorophenol	NELAP	565		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Phenol	NELAP	98.8		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Pyridine	NELAP	141		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
1,2-Diphenylhydrazine		237		ND	mg/Kg-dry	50	06/02/2011 2:22	68535
Surr: 2,4,6-Tribromophenol		32.7-130		86.8	%REC	50	06/02/2011 2:22	68535
Surr: 2-Fluorobiphenyl		34.1-116		101.8	%REC	50	06/02/2011 2:22	68535
Surr: 2-Fluorophenol		30.5-99		98.3	%REC	50	06/02/2011 2:22	68535
Surr: Nitrobenzene-d5		34.1-101		90.8	%REC	50	06/02/2011 2:22	68535
Surr: Phenol-d5		34.9-110		83.3	%REC	50	06/02/2011 2:22	68535
Surr: p-Terphenyl-d14		41.7-124		102.8	%REC	50	06/02/2011 2:22	68535
<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	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,1,1-Trichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,1,2,2-Tetrachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,1,2-Trichloro-1,2,2-trifluoroethane		3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,1,2-Trichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,1-Dichloro-2-propanone		36.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,1-Dichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,1-Dichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,1-Dichloropropene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,2,3-Trichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,2,3-Trichloropropane	NELAP	7.3		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,2,3-Trimethylbenzene		3.7	J	1.0	µg/Kg-dry	1	06/01/2011 17:34	68649
1,2,4-Trichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,2,4-Trimethylbenzene	NELAP	3.7	J	0.9	µg/Kg-dry	1	06/01/2011 17:34	68649
1,2-Dibromo-3-chloropropane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,2-Dibromoethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,2-Dichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,2-Dichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,2-Dichloropropane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,3,5-Trimethylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,3-Dichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,3-Dichloropropane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1,4-Dichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
1-Chlorobutane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
2,2-Dichloropropane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
2-Butanone	NELAP	36.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
2-Chlorotoluene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
2-Hexanone	NELAP	36.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
2-Nitropropane	NELAP	36.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
4-Chlorotoluene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
4-Methyl-2-pentanone	NELAP	36.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Acetone	NELAP	36.7		82.8	µg/Kg-dry	1	06/01/2011 17:34	68649
Acrolein	NELAP	73.4		ND	µg/Kg-dry	1	06/01/2011 17:34	68649

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-001

Client Sample ID: P9-H4-W (17)

Matrix: SOLID

Collection Date: 05/25/2011 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acrylonitrile	NELAP	7.3		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Allyl chloride	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Benzene	NELAP	0.7		1.2	µg/Kg-dry	1	06/01/2011 17:34	68649
Bromobenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Bromochloromethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Bromodichloromethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Bromoform	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Bromomethane	NELAP	7.3		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Carbon disulfide	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Carbon tetrachloride	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Chlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Chloroethane	NELAP	7.3		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Chloroform	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Chloromethane	NELAP	7.3		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
cis-1,2-Dichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
cis-1,3-Dichloropropene	NELAP	2.9		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Cyclohexanone		73.4		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Dibromochloromethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Dibromomethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Dichlorodifluoromethane	NELAP	7.3		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Ethyl acetate	NELAP	36.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Ethyl ether	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Ethyl methacrylate	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Ethylbenzene	NELAP	3.7	J	0.8	µg/Kg-dry	1	06/01/2011 17:34	68649
Heptane		14.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Hexachlorobutadiene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Hexachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Iodomethane	NELAP	7.3		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Isopropylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
m,p-Xylenes	NELAP	3.7	J	2.2	µg/Kg-dry	1	06/01/2011 17:34	68649
Methacrylonitrile	NELAP	36.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Methyl Methacrylate	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Methyl tert-butyl ether	NELAP	1.5		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Methylacrylate		7.3		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Methylene chloride	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Naphthalene	NELAP	7.3		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
n-Butylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
n-Hexane		14.7	J	1.8	µg/Kg-dry	1	06/01/2011 17:34	68649
Nitrobenzene	NELAP	73.4		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
n-Propylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
o-Xylene	NELAP	3.7	J	0.8	µg/Kg-dry	1	06/01/2011 17:34	68649
Pentachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
p-Isopropyltoluene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Propionitrile	NELAP	36.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
sec-Butylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Styrene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
tert-Butylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649



## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-001

Client Sample ID: P9-H4-W (17)

Matrix: SOLID

Collection Date: 05/25/2011 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Tetrachloroethene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Tetrahydrofuran	NELAP	36.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Toluene	NELAP	3.7	J	1.5	µg/Kg-dry	1	06/01/2011 17:34	68649
trans-1,2-Dichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
trans-1,3-Dichloropropene	NELAP	2.9		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Trichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Trichlorofluoromethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Vinyl acetate	NELAP	36.7		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Vinyl chloride	NELAP	1.5		ND	µg/Kg-dry	1	06/01/2011 17:34	68649
Surr: 1,2-Dichloroethane-d4		72.2-131		111.5	%REC	1	06/01/2011 17:34	68649
Surr: 4-Bromofluorobenzene		82.1-116		87.9	%REC	1	06/01/2011 17:34	68649
Surr: Dibromofluoromethane		77.7-120		109.0	%REC	1	06/01/2011 17:34	68649
Surr: Toluene-d8		86-116		114.1	%REC	1	06/01/2011 17:34	68649

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-002

Client Sample ID: P9-H3-W (16)

Matrix: SOLID

Collection Date: 05/25/2011 12:40

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	05/31/2011 11:30	R150136
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.2	%	1	05/31/2011 11:30	R150089
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.560		< 0.560	mg/Kg-dry	1	06/01/2011 9:20	R150127
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	J	0.34	mg/Kg-dry	1	06/01/2011 9:20	R150127
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		5.78	mg/Kg-dry	1	06/01/2011 4:31	68543
Barium	NELAP	0.46		16.2	mg/Kg-dry	1	06/01/2011 4:31	68543
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	06/01/2011 4:31	68543
Chromium	NELAP	0.93		15.9	mg/Kg-dry	1	06/01/2011 4:31	68543
Lead	NELAP	3.70		7.89	mg/Kg-dry	1	06/01/2011 4:31	68543
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	06/01/2011 4:31	68543
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	06/02/2011 11:46	68589
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	05/31/2011 10:36	68529
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 19:59	68579
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 19:59	68579
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 19:59	68579
Benzo(a)anthracene	NELAP	0.004		0.004	mg/Kg-dry	1	06/06/2011 19:59	68579
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 19:59	68579
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 19:59	68579
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 19:59	68579
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 19:59	68579
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	06/06/2011 19:59	68579
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 19:59	68579
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 19:59	68579
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 19:59	68579
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 19:59	68579
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 19:59	68579
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 19:59	68579
Phenanthrene	NELAP	0.004		0.014	mg/Kg-dry	1	06/06/2011 19:59	68579
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 19:59	68579
Surr: 2-Fluorobiphenyl		10-131		62.9	%REC	1	06/06/2011 19:59	68579
Surr: Nitrobenzene-d5		10-132		60.4	%REC	1	06/06/2011 19:59	68579
Surr: p-Terphenyl-d14		80.2-138	S	66.2	%REC	1	06/06/2011 19:59	68579
<i>Surrogate recovery was outside QC limits due to matrix interference.</i>								
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
1,2-Dichlorobenzene	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
1,3-Dichlorobenzene	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
1,4-Dichlorobenzene	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
2,4,5-Trichlorophenol	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-002

Client Sample ID: P9-H3-W (16)

Matrix: SOLID

Collection Date: 05/25/2011 12:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,6-Trichlorophenol	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
2,4-Dichlorophenol	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
2,4-Dimethylphenol	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
2,4-Dinitrophenol	NELAP	11.1		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
2,4-Dinitrotoluene	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
2,6-Dinitrotoluene	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
2-Chloronaphthalene	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
2-Chlorophenol	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
2-Methoxy-4-methylphenol		7.22		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
2-Methylnaphthalene	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
2-Nitroaniline	NELAP	11.1		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
2-Nitrophenol	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
3,3'-Dichlorobenzidine	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
3-Nitroaniline	NELAP	11.1		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
4,6-Dinitro-2-methylphenol	NELAP	11.1		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
4-Bromophenyl phenyl ether	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
4-Chloro-3-methylphenol	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
4-Chloroaniline	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
4-Chlorophenyl phenyl ether	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
4-Nitroaniline	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
4-Nitrophenol	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Aniline	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Azobenzene		3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Benzidine	NELAP	11.7		see note	mg/Kg-dry	10	05/31/2011 18:26	68535
Benzoic acid	NELAP	16.7		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Benzyl alcohol	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Bis(2-chloroethoxy)methane	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Bis(2-chloroethyl)ether	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Bis(2-chloroisopropyl)ether	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Butyl benzyl phthalate	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Carbazole		5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Dibenzofuran	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Diethyl phthalate	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Dimethyl phthalate	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Di-n-butyl phthalate	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Di-n-octyl phthalate	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Hexachlorobenzene	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Hexachlorobutadiene	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Hexachlorocyclopentadiene	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Hexachloroethane	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Isophorone	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
m,p-Cresol	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Nitrobenzene	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
N-Nitrosodimethylamine	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
N-Nitroso-di-n-propylamine	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
N-Nitrosodiphenylamine	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
o-Cresol	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-002

Client Sample ID: P9-H3-W (16)

Matrix: SOLID

Collection Date: 05/25/2011 12:40

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	22.2		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Phenol	NELAP	3.89		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Pyridine	NELAP	5.56		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
1,2-Diphenylhydrazine		9.34		ND	mg/Kg-dry	10	05/31/2011 18:26	68535
Surr: 2,4,6-Tribromophenol		32.7-130		38.2	%REC	10	05/31/2011 18:26	68535
Surr: 2-Fluorobiphenyl		34.1-116		80.5	%REC	10	05/31/2011 18:26	68535
Surr: 2-Fluorophenol		30.5-99		67.1	%REC	10	05/31/2011 18:26	68535
Surr: Nitrobenzene-d5		34.1-101		77.6	%REC	10	05/31/2011 18:26	68535
Surr: Phenol-d5		34.9-110		73.8	%REC	10	05/31/2011 18:26	68535
Surr: p-Terphenyl-d14		41.7-124		87.9	%REC	10	05/31/2011 18:26	68535

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

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

<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,1,1-Trichloroethane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,1,2,2-Tetrachloroethane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,1,2-Trichloro-1,2,2-trifluoroethane		3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,1,2-Trichloroethane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,1-Dichloro-2-propanone		35.1		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,1-Dichloroethane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,1-Dichloroethene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,1-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,2,3-Trichlorobenzene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,2,3-Trichloropropane	NELAP	7.0		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,2,3-Trimethylbenzene		3.5	J	0.9	µg/Kg-dry	1	06/01/2011 18:03	68649
1,2,4-Trichlorobenzene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,2,4-Trimethylbenzene	NELAP	3.5	J	0.8	µg/Kg-dry	1	06/01/2011 18:03	68649
1,2-Dibromo-3-chloropropane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,2-Dibromoethane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,2-Dichlorobenzene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,2-Dichloroethane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,2-Dichloropropane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,3,5-Trimethylbenzene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,3-Dichlorobenzene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,3-Dichloropropane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1,4-Dichlorobenzene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
1-Chlorobutane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
2,2-Dichloropropane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
2-Butanone	NELAP	35.1		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
2-Chlorotoluene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
2-Hexanone	NELAP	35.1		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
2-Nitropropane	NELAP	35.1		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
4-Chlorotoluene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
4-Methyl-2-pentanone	NELAP	35.1		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Acetone	NELAP	35.1	J	24	µg/Kg-dry	1	06/01/2011 18:03	68649
Acrolein	NELAP	70.1		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Acrylonitrile	NELAP	7.0		ND	µg/Kg-dry	1	06/01/2011 18:03	68649

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-002

Client Sample ID: P9-H3-W (16)

Matrix: SOLID

Collection Date: 05/25/2011 12:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Allyl chloride	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Benzene	NELAP	0.7		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Bromobenzene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Bromochloromethane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Bromodichloromethane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Bromoform	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Bromomethane	NELAP	7.0		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Carbon disulfide	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Carbon tetrachloride	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Chlorobenzene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Chloroethane	NELAP	7.0		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Chloroform	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Chloromethane	NELAP	7.0		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
cis-1,2-Dichloroethene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
cis-1,3-Dichloropropene	NELAP	2.8		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Cyclohexanone		70.1		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Dibromochloromethane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Dibromomethane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Dichlorodifluoromethane	NELAP	7.0		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Ethyl acetate	NELAP	35.1		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Ethyl ether	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Ethyl methacrylate	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Ethylbenzene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Heptane		14.0		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Hexachlorobutadiene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Hexachloroethane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Iodomethane	NELAP	7.0		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Isopropylbenzene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
m,p-Xylenes	NELAP	3.5	J	1.7	µg/Kg-dry	1	06/01/2011 18:03	68649
Methacrylonitrile	NELAP	35.1		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Methyl Methacrylate	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Methyl tert-butyl ether	NELAP	1.4		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Methylacrylate		7.0		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Methylene chloride	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Naphthalene	NELAP	7.0		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
n-Butylbenzene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
n-Hexane		14.0	J	2.2	µg/Kg-dry	1	06/01/2011 18:03	68649
Nitrobenzene	NELAP	70.1		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
n-Propylbenzene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
o-Xylene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Pentachloroethane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
p-Isopropyltoluene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Propionitrile	NELAP	35.1		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
sec-Butylbenzene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Styrene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
tert-Butylbenzene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Tetrachloroethene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

**Lab ID:** 11051268-002

**Client Sample ID:** P9-H3-W (16)

**Matrix:** SOLID

**Collection Date:** 05/25/2011 12:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Tetrahydrofuran	NELAP	35.1		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Toluene	NELAP	3.5	J	1.4	µg/Kg-dry	1	06/01/2011 18:03	68649
trans-1,2-Dichloroethene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
trans-1,3-Dichloropropene	NELAP	2.8		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Trichloroethene	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Trichlorofluoromethane	NELAP	3.5		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Vinyl acetate	NELAP	35.1		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Vinyl chloride	NELAP	1.4		ND	µg/Kg-dry	1	06/01/2011 18:03	68649
Surr: 1,2-Dichloroethane-d4		72.2-131		114.9	%REC	1	06/01/2011 18:03	68649
Surr: 4-Bromofluorobenzene		82.1-116		86.4	%REC	1	06/01/2011 18:03	68649
Surr: Dibromofluoromethane		77.7-120		114.1	%REC	1	06/01/2011 18:03	68649
Surr: Toluene-d8		86-116	S	117.3	%REC	1	06/01/2011 18:03	68649

*Surrogate recovery was outside QC limits due to matrix interference.*



Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-003

Client Sample ID: P9-H2-W (16)

Matrix: SOLID

Collection Date: 05/25/2011 12:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		10.4	%	1	05/31/2011 11:30	R150136
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.6	%	1	05/31/2011 11:30	R150089
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.558		Interference	mg/Kg-dry	1	06/01/2011 9:20	R150127
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	J	0.25	mg/Kg-dry	1	06/01/2011 9:20	R150127
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.40		6.07	mg/Kg-dry	1	06/01/2011 4:37	68543
Barium	NELAP	0.48		18.5	mg/Kg-dry	1	06/01/2011 4:37	68543
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	06/01/2011 4:37	68543
Chromium	NELAP	0.96		16.9	mg/Kg-dry	1	06/01/2011 4:37	68543
Lead	NELAP	3.85		10.8	mg/Kg-dry	1	06/01/2011 4:37	68543
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	06/01/2011 4:37	68543
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	06/02/2011 12:03	68589
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.006	mg/Kg-dry	1	05/31/2011 10:36	68529
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 20:35	68579
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 20:35	68579
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 20:35	68579
Benzo(a)anthracene	NELAP	0.004		0.004	mg/Kg-dry	1	06/06/2011 20:35	68579
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 20:35	68579
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 20:35	68579
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 20:35	68579
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 20:35	68579
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	06/06/2011 20:35	68579
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 20:35	68579
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 20:35	68579
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 20:35	68579
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 20:35	68579
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 20:35	68579
Naphthalene	NELAP	0.004		0.047	mg/Kg-dry	1	06/06/2011 20:35	68579
Phenanthrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	06/06/2011 20:35	68579
Pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	06/06/2011 20:35	68579
Surr: 2-Fluorobiphenyl		10-131		68.0	%REC	1	06/06/2011 20:35	68579
Surr: Nitrobenzene-d5		10-132		65.2	%REC	1	06/06/2011 20:35	68579
Surr: p-Terphenyl-d14		80.2-138	S	67.4	%REC	1	06/06/2011 20:35	68579
<i>Surrogate recovery was outside QC limits due to matrix interference.</i>								
<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	05/31/2011 17:55	68535
1,2-Dichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
1,3-Dichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
1,4-Dichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
2,4,5-Trichlorophenol	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-003

Client Sample ID: P9-H2-W (16)

Matrix: SOLID

Collection Date: 05/25/2011 12:50

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	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
2,4-Dichlorophenol	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
2,4-Dimethylphenol	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
2,4-Dinitrotoluene	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
2,6-Dinitrotoluene	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
2-Chloronaphthalene	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
2-Chlorophenol	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
2-Methoxy-4-methylphenol		0.720		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
2-Methylnaphthalene	NELAP	0.387	J	0.33	mg/Kg-dry	1	05/31/2011 17:55	68535
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
2-Nitrophenol	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
3,3'-Dichlorobenzidine	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
4-Bromophenyl phenyl ether	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
4-Chloro-3-methylphenol	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
4-Chloroaniline	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
4-Chlorophenyl phenyl ether	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
4-Nitroaniline	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
4-Nitrophenol	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Aniline	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Azobenzene		0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Benzidine	NELAP	1.17		see note	mg/Kg-dry	1	05/31/2011 17:55	68535
Benzoic acid	NELAP	1.66		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Benzyl alcohol	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Bis(2-chloroethoxy)methane	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Bis(2-chloroethyl)ether	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Bis(2-chloroisopropyl)ether	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Butyl benzyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Carbazole		0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Dibenzofuran	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Diethyl phthalate	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Dimethyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Di-n-butyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Di-n-octyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Hexachlorobenzene	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Hexachlorobutadiene	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Hexachlorocyclopentadiene	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Hexachloroethane	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Isophorone	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
m,p-Cresol	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Nitrobenzene	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
N-Nitrosodimethylamine	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
N-Nitroso-di-n-propylamine	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
N-Nitrosodiphenylamine	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
o-Cresol	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-003

Client Sample ID: P9-H2-W (16)

Matrix: SOLID

Collection Date: 05/25/2011 12:50

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	2.21		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Phenol	NELAP	0.387		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Pyridine	NELAP	0.553		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
1,2-Diphenylhydrazine		0.930		ND	mg/Kg-dry	1	05/31/2011 17:55	68535
Surr: 2,4,6-Tribromophenol		32.7-130		89.0	%REC	1	05/31/2011 17:55	68535
Surr: 2-Fluorobiphenyl		34.1-116		82.2	%REC	1	05/31/2011 17:55	68535
Surr: 2-Fluorophenol		30.5-99		75.7	%REC	1	05/31/2011 17:55	68535
Surr: Nitrobenzene-d5		34.1-101		79.7	%REC	1	05/31/2011 17:55	68535
Surr: Phenol-d5		34.9-110		78.5	%REC	1	05/31/2011 17:55	68535
Surr: p-Terphenyl-d14		41.7-124		81.3	%REC	1	05/31/2011 17:55	68535
<i>Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.</i>								
<i>Marginal Exceedance for Phenol in the LCS is verified per NELAC Appendix D 1.1.2</i>								
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,1,1-Trichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,1,2,2-Tetrachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,1,2-Trichloro-1,2,2-trifluoroethane		3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,1,2-Trichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,1-Dichloro-2-propanone		37.0		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,1-Dichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,1-Dichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,1-Dichloropropene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,2,3-Trichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,2,3-Trichloropropane	NELAP	7.4		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,2,3-Trimethylbenzene		3.7		6.3	µg/Kg-dry	1	06/01/2011 18:32	68649
1,2,4-Trichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,2,4-Trimethylbenzene	NELAP	3.7	J	1.3	µg/Kg-dry	1	06/01/2011 18:32	68649
1,2-Dibromo-3-chloropropane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,2-Dibromoethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,2-Dichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,2-Dichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,2-Dichloropropane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,3,5-Trimethylbenzene	NELAP	3.7		13.4	µg/Kg-dry	1	06/01/2011 18:32	68649
1,3-Dichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,3-Dichloropropane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1,4-Dichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
1-Chlorobutane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
2,2-Dichloropropane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
2-Butanone	NELAP	37.0		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
2-Chlorotoluene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
2-Hexanone	NELAP	37.0		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
2-Nitropropane	NELAP	37.0		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
4-Chlorotoluene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
4-Methyl-2-pentanone	NELAP	37.0		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Acetone	NELAP	37.0	J	26	µg/Kg-dry	1	06/01/2011 18:32	68649
Acrolein	NELAP	74.1		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Acrylonitrile	NELAP	7.4		ND	µg/Kg-dry	1	06/01/2011 18:32	68649

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-003

Client Sample ID: P9-H2-W (16)

Matrix: SOLID

Collection Date: 05/25/2011 12:50

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	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Benzene	NELAP	0.7		1.8	µg/Kg-dry	1	06/01/2011 18:32	68649
Bromobenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Bromochloromethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Bromodichloromethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Bromoform	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Bromomethane	NELAP	7.4		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Carbon disulfide	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Carbon tetrachloride	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Chlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Chloroethane	NELAP	7.4		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Chloroform	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Chloromethane	NELAP	7.4		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
cis-1,2-Dichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
cis-1,3-Dichloropropene	NELAP	3.0		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Cyclohexanone		74.1		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Dibromochloromethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Dibromomethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Dichlorodifluoromethane	NELAP	7.4		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Ethyl acetate	NELAP	37.0		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Ethyl ether	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Ethyl methacrylate	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Ethylbenzene	NELAP	3.7	J	2.2	µg/Kg-dry	1	06/01/2011 18:32	68649
Heptane		14.8		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Hexachlorobutadiene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Hexachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Iodomethane	NELAP	7.4		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Isopropylbenzene	NELAP	3.7		12.0	µg/Kg-dry	1	06/01/2011 18:32	68649
m,p-Xylenes	NELAP	3.7		4.0	µg/Kg-dry	1	06/01/2011 18:32	68649
Methacrylonitrile	NELAP	37.0		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Methyl Methacrylate	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Methyl tert-butyl ether	NELAP	1.5		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Methylacrylate		7.4		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Methylene chloride	NELAP	3.7	J	1.1	µg/Kg-dry	1	06/01/2011 18:32	68649
Naphthalene	NELAP	7.4		46.5	µg/Kg-dry	1	06/01/2011 18:32	68649
n-Butylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
n-Hexane		14.8	J	4.9	µg/Kg-dry	1	06/01/2011 18:32	68649
Nitrobenzene	NELAP	74.1		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
n-Propylbenzene	NELAP	3.7	J	1.1	µg/Kg-dry	1	06/01/2011 18:32	68649
o-Xylene	NELAP	3.7	J	2.5	µg/Kg-dry	1	06/01/2011 18:32	68649
Pentachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
p-Isopropyltoluene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Propionitrile	NELAP	37.0		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
sec-Butylbenzene	NELAP	3.7	J	1.2	µg/Kg-dry	1	06/01/2011 18:32	68649
Styrene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
tert-Butylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Tetrachloroethene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

**Lab ID:** 11051268-003

**Client Sample ID:** P9-H2-W (16)

**Matrix:** SOLID

**Collection Date:** 05/25/2011 12:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Tetrahydrofuran	NELAP	37.0		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Toluene	NELAP	3.7		4.0	µg/Kg-dry	1	06/01/2011 18:32	68649
trans-1,2-Dichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
trans-1,3-Dichloropropene	NELAP	3.0		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Trichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Trichlorofluoromethane	NELAP	3.7		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Vinyl acetate	NELAP	37.0		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Vinyl chloride	NELAP	1.5		ND	µg/Kg-dry	1	06/01/2011 18:32	68649
Surr: 1,2-Dichloroethane-d4		72.2-131		104.8	%REC	1	06/01/2011 18:32	68649
Surr: 4-Bromofluorobenzene		82.1-116		102.2	%REC	1	06/01/2011 18:32	68649
Surr: Dibromofluoromethane		77.7-120		108.8	%REC	1	06/01/2011 18:32	68649
Surr: Toluene-d8		86-116		97.0	%REC	1	06/01/2011 18:32	68649

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-004

Client Sample ID: P9-H1-W (15)

Matrix: SOLID

Collection Date: 05/25/2011 13:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		14.6	%	1	05/31/2011 11:30	R150136
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		85.4	%	1	05/31/2011 11:30	R150089
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.656	J	0.28	mg/Kg-dry	1	06/01/2011 9:20	R150127
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.59	J	0.28	mg/Kg-dry	1	06/01/2011 9:20	R150127
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		6.48	mg/Kg-dry	1	06/01/2011 4:54	68543
Barium	NELAP	0.50		29.0	mg/Kg-dry	1	06/01/2011 4:54	68543
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	06/01/2011 4:54	68543
Chromium	NELAP	1.00		17.4	mg/Kg-dry	1	06/01/2011 4:54	68543
Lead	NELAP	4.00		9.93	mg/Kg-dry	1	06/01/2011 4:54	68543
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	06/01/2011 4:54	68543
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.577		< 0.577	mg/Kg-dry	1	06/02/2011 12:06	68589
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012	J	0.011	mg/Kg-dry	1	05/31/2011 10:36	68529
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.099		0.202	mg/Kg-dry	25	06/06/2011 21:11	68579
Acenaphthylene	NELAP	0.099		0.394	mg/Kg-dry	25	06/06/2011 21:11	68579
Anthracene	NELAP	0.099		1.27	mg/Kg-dry	25	06/06/2011 21:11	68579
Benzo(a)anthracene	NELAP	0.099		0.651	mg/Kg-dry	25	06/06/2011 21:11	68579
Benzo(a)pyrene	NELAP	0.099		0.553	mg/Kg-dry	25	06/06/2011 21:11	68579
Benzo(b)fluoranthene	NELAP	0.099		0.395	mg/Kg-dry	25	06/06/2011 21:11	68579
Benzo(g,h,i)perylene	NELAP	0.099		0.216	mg/Kg-dry	25	06/06/2011 21:11	68579
Benzo(k)fluoranthene	NELAP	0.099		0.367	mg/Kg-dry	25	06/06/2011 21:11	68579
Bis(2-ethylhexyl)phthalate	NELAP	1.96		ND	mg/Kg-dry	25	06/06/2011 21:11	68579
Chrysene	NELAP	0.099		0.469	mg/Kg-dry	25	06/06/2011 21:11	68579
Dibenzo(a,h)anthracene	NELAP	0.099		ND	mg/Kg-dry	25	06/06/2011 21:11	68579
Fluoranthene	NELAP	0.099		1.19	mg/Kg-dry	25	06/06/2011 21:11	68579
Fluorene	NELAP	0.099		1.18	mg/Kg-dry	25	06/06/2011 21:11	68579
Indeno(1,2,3-cd)pyrene	NELAP	0.099		0.158	mg/Kg-dry	25	06/06/2011 21:11	68579
Naphthalene	NELAP	0.099		1.35	mg/Kg-dry	25	06/06/2011 21:11	68579
Phenanthrene	NELAP	0.099		4.33	mg/Kg-dry	25	06/06/2011 21:11	68579
Pyrene	NELAP	0.099		1.84	mg/Kg-dry	25	06/06/2011 21:11	68579
Surr: 2-Fluorobiphenyl		10-131		59.4	%REC	25	06/06/2011 21:11	68579
Surr: Nitrobenzene-d5		10-132		56.9	%REC	25	06/06/2011 21:11	68579
Surr: p-Terphenyl-d14		80.2-138	S	62.4	%REC	25	06/06/2011 21:11	68579
<i>Surrogate recovery was outside QC limits due to matrix interference.</i>								
<i>Elevated reporting limit(s) due to sample extract composition.</i>								
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
1,2-Dichlorobenzene	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
1,3-Dichlorobenzene	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
1,4-Dichlorobenzene	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-004

Client Sample ID: P9-H1-W (15)

Matrix: SOLID

Collection Date: 05/25/2011 13:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
2,4,6-Trichlorophenol	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
2,4-Dichlorophenol	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
2,4-Dimethylphenol	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
2,4-Dinitrophenol	NELAP	1.17		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
2,4-Dinitrotoluene	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
2,6-Dinitrotoluene	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
2-Chloronaphthalene	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
2-Chlorophenol	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
2-Methoxy-4-methylphenol		0.759		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
2-Methylnaphthalene	NELAP	0.409	J	0.16	mg/Kg-dry	1	05/31/2011 17:23	68548
2-Nitroaniline	NELAP	1.17		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
2-Nitrophenol	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
3,3'-Dichlorobenzidine	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
3-Nitroaniline	NELAP	1.17		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
4,6-Dinitro-2-methylphenol	NELAP	1.17		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
4-Bromophenyl phenyl ether	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
4-Chloro-3-methylphenol	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
4-Chloroaniline	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
4-Chlorophenyl phenyl ether	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
4-Nitroaniline	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
4-Nitrophenol	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Aniline	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Azobenzene		0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Benzidine	NELAP	1.23		see note	mg/Kg-dry	1	05/31/2011 17:23	68548
Benzoic acid	NELAP	1.75		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Benzyl alcohol	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Bis(2-chloroethoxy)methane	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Bis(2-chloroethyl)ether	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Bis(2-chloroisopropyl)ether	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Butyl benzyl phthalate	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Carbazole		0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Dibenzofuran	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Diethyl phthalate	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Dimethyl phthalate	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Di-n-butyl phthalate	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Di-n-octyl phthalate	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Hexachlorobenzene	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Hexachlorobutadiene	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Hexachlorocyclopentadiene	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Hexachloroethane	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Isophorone	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
m,p-Cresol	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Nitrobenzene	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
N-Nitrosodimethylamine	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
N-Nitroso-di-n-propylamine	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
N-Nitrosodiphenylamine	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-004

Client Sample ID: P9-H1-W (15)

Matrix: SOLID

Collection Date: 05/25/2011 13:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
o-Cresol	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Pentachlorophenol	NELAP	2.33		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Phenol	NELAP	0.409		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Pyridine	NELAP	0.584		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
1,2-Diphenylhydrazine		0.981		ND	mg/Kg-dry	1	05/31/2011 17:23	68548
Surr: 2,4,6-Tribromophenol		32.7-130		82.6	%REC	1	05/31/2011 17:23	68548
Surr: 2-Fluorobiphenyl		34.1-116		61.8	%REC	1	05/31/2011 17:23	68548
Surr: 2-Fluorophenol		30.5-99		66.7	%REC	1	05/31/2011 17:23	68548
Surr: Nitrobenzene-d5		34.1-101		67.6	%REC	1	05/31/2011 17:23	68548
Surr: Phenol-d5		34.9-110		70.1	%REC	1	05/31/2011 17:23	68548
Surr: p-Terphenyl-d14		41.7-124		75.2	%REC	1	05/31/2011 17:23	68548
<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	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,1,1-Trichloroethane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,1,2,2-Tetrachloroethane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,1,2-Trichloro-1,2,2-trifluoroethane		99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,1,2-Trichloroethane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,1-Dichloro-2-propanone		996		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,1-Dichloroethane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,1-Dichloroethene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,1-Dichloropropene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,2,3-Trichlorobenzene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,2,3-Trichloropropane	NELAP	199		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,2,3-Trimethylbenzene		99.6		224	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,2,4-Trichlorobenzene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,2,4-Trimethylbenzene	NELAP	99.6	J	77	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,2-Dibromo-3-chloropropane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,2-Dibromoethane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,2-Dichlorobenzene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,2-Dichloroethane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,2-Dichloropropane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,3,5-Trimethylbenzene	NELAP	99.6	J	48	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,3-Dichlorobenzene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,3-Dichloropropane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1,4-Dichlorobenzene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
1-Chlorobutane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
2,2-Dichloropropane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
2-Butanone	NELAP	996		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
2-Chlorotoluene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
2-Hexanone	NELAP	996		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
2-Nitropropane	NELAP	996		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
4-Chlorotoluene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
4-Methyl-2-pentanone	NELAP	996		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Acetone	NELAP	996	J	350	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Acrolein	NELAP	1990		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Acrylonitrile	NELAP	199		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765



Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-004

Client Sample ID: P9-H1-W (15)

Matrix: SOLID

Collection Date: 05/25/2011 13:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Allyl chloride	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Benzene	NELAP	19.9		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Bromobenzene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Bromochloromethane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Bromodichloromethane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Bromoform	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Bromomethane	NELAP	199		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Carbon disulfide	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Carbon tetrachloride	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Chlorobenzene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Chloroethane	NELAP	199		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Chloroform	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Chloromethane	NELAP	199		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
cis-1,2-Dichloroethene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
cis-1,3-Dichloropropene	NELAP	79.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Cyclohexanone		1990		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Dibromochloromethane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Dibromomethane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Dichlorodifluoromethane	NELAP	199		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Ethyl acetate	NELAP	996		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Ethyl ether	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Ethyl methacrylate	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Ethylbenzene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Heptane		398		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Hexachlorobutadiene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Hexachloroethane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Iodomethane	NELAP	199		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Isopropylbenzene	NELAP	99.6	J	53	µg/Kg-dry	12.5	06/03/2011 11:06	68765
m,p-Xylenes	NELAP	99.6	J	89	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Methacrylonitrile	NELAP	996		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Methyl Methacrylate	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Methyl tert-butyl ether	NELAP	39.8		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Methylacrylate		199		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Methylene chloride	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Naphthalene	NELAP	199		3330	µg/Kg-dry	12.5	06/03/2011 11:06	68765
n-Butylbenzene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
n-Hexane		398		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Nitrobenzene	NELAP	1990		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
n-Propylbenzene	NELAP	99.6	J	37	µg/Kg-dry	12.5	06/03/2011 11:06	68765
o-Xylene	NELAP	99.6	J	25	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Pentachloroethane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
p-Isopropyltoluene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Propionitrile	NELAP	996		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
sec-Butylbenzene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Styrene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
tert-Butylbenzene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Tetrachloroethene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

**Lab ID:** 11051268-004

**Client Sample ID:** P9-H1-W (15)

**Matrix:** SOLID

**Collection Date:** 05/25/2011 13:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Tetrahydrofuran	NELAP	996		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Toluene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
trans-1,2-Dichloroethene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
trans-1,3-Dichloropropene	NELAP	79.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Trichloroethene	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Trichlorofluoromethane	NELAP	99.6		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Vinyl acetate	NELAP	996		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Vinyl chloride	NELAP	39.8		ND	µg/Kg-dry	12.5	06/03/2011 11:06	68765
Surr: 1,2-Dichloroethane-d4		72.2-131		112.7	%REC	12.5	06/03/2011 11:06	68765
Surr: 4-Bromofluorobenzene		82.1-116		108.3	%REC	12.5	06/03/2011 11:06	68765
Surr: Dibromofluoromethane		77.7-120		104.6	%REC	12.5	06/03/2011 11:06	68765
Surr: Toluene-d8		86-116		98.7	%REC	12.5	06/03/2011 11:06	68765

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-005

Client Sample ID: P9-G1-W (15)

Matrix: SOLID

Collection Date: 05/25/2011 13:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		12.0	%	1	05/31/2011 11:30	R150136
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		88.0	%	1	05/31/2011 11:30	R150089
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.637		< 0.637	mg/Kg-dry	1	06/01/2011 9:20	R150127
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.64		< 0.64	mg/Kg-dry	1	06/01/2011 9:20	R150127
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		7.22	mg/Kg-dry	1	06/01/2011 5:00	68543
Barium	NELAP	0.50		18.8	mg/Kg-dry	1	06/01/2011 5:00	68543
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	06/01/2011 5:00	68543
Chromium	NELAP	1.00		17.3	mg/Kg-dry	1	06/01/2011 5:00	68543
Lead	NELAP	4.00		12.4	mg/Kg-dry	1	06/01/2011 5:00	68543
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	06/01/2011 5:00	68543
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.577	J	0.48	mg/Kg-dry	1	06/02/2011 12:10	68589
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.006	mg/Kg-dry	1	05/31/2011 10:36	68529
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 21:46	68579
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 21:46	68579
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 21:46	68579
Benzo(a)anthracene	NELAP	0.004		0.004	mg/Kg-dry	1	06/06/2011 21:46	68579
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 21:46	68579
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 21:46	68579
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 21:46	68579
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 21:46	68579
Bis(2-ethylhexyl)phthalate	NELAP	0.076		ND	mg/Kg-dry	1	06/06/2011 21:46	68579
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 21:46	68579
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 21:46	68579
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 21:46	68579
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 21:46	68579
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 21:46	68579
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 21:46	68579
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 21:46	68579
Pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	06/06/2011 21:46	68579
Surr: 2-Fluorobiphenyl		10-131		62.7	%REC	1	06/06/2011 21:46	68579
Surr: Nitrobenzene-d5		10-132		55.8	%REC	1	06/06/2011 21:46	68579
Surr: p-Terphenyl-d14		80.2-138	S	61.2	%REC	1	06/06/2011 21:46	68579
<i>Surrogate recovery was outside QC limits due to matrix interference.</i>								
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
1,2-Dichlorobenzene	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
1,3-Dichlorobenzene	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
1,4-Dichlorobenzene	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
2,4,5-Trichlorophenol	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-005

Client Sample ID: P9-G1-W (15)

Matrix: SOLID

Collection Date: 05/25/2011 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>								
2,4,6-Trichlorophenol	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
2,4-Dichlorophenol	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
2,4-Dimethylphenol	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
2,4-Dinitrophenol	NELAP	1.13		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
2,4-Dinitrotoluene	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
2,6-Dinitrotoluene	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
2-Chloronaphthalene	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
2-Chlorophenol	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
2-Methoxy-4-methylphenol		0.736		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
2-Methylnaphthalene	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
2-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
2-Nitrophenol	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
3,3'-Dichlorobenzidine	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
3-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
4,6-Dinitro-2-methylphenol	NELAP	1.13		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
4-Bromophenyl phenyl ether	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
4-Chloro-3-methylphenol	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
4-Chloroaniline	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
4-Chlorophenyl phenyl ether	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
4-Nitroaniline	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
4-Nitrophenol	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Aniline	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Azobenzene		0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Benzidine	NELAP	1.20		see note	mg/Kg-dry	1	05/31/2011 16:19	68548
Benzoic acid	NELAP	1.70		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Benzyl alcohol	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Bis(2-chloroethoxy)methane	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Bis(2-chloroethyl)ether	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Bis(2-chloroisopropyl)ether	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Butyl benzyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Carbazole		0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Dibenzofuran	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Diethyl phthalate	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Dimethyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Di-n-butyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Di-n-octyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Hexachlorobenzene	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Hexachlorobutadiene	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Hexachlorocyclopentadiene	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Hexachloroethane	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Isophorone	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
m,p-Cresol	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Nitrobenzene	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
N-Nitrosodimethylamine	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
N-Nitroso-di-n-propylamine	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
N-Nitrosodiphenylamine	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
o-Cresol	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-005

Client Sample ID: P9-G1-W (15)

Matrix: SOLID

Collection Date: 05/25/2011 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>								
Pentachlorophenol	NELAP	2.27		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Phenol	NELAP	0.396		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Pyridine	NELAP	0.566		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
1,2-Diphenylhydrazine		0.952		ND	mg/Kg-dry	1	05/31/2011 16:19	68548
Surr: 2,4,6-Tribromophenol		32.7-130		69.1	%REC	1	05/31/2011 16:19	68548
Surr: 2-Fluorobiphenyl		34.1-116		61.0	%REC	1	05/31/2011 16:19	68548
Surr: 2-Fluorophenol		30.5-99		64.3	%REC	1	05/31/2011 16:19	68548
Surr: Nitrobenzene-d5		34.1-101		63.3	%REC	1	05/31/2011 16:19	68548
Surr: Phenol-d5		34.9-110		67.2	%REC	1	05/31/2011 16:19	68548
Surr: p-Terphenyl-d14		41.7-124		72.3	%REC	1	05/31/2011 16:19	68548

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	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,1,1-Trichloroethane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,1,2,2-Tetrachloroethane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,1,2-Trichloro-1,2,2-trifluoroethane		3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,1,2-Trichloroethane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,1-Dichloro-2-propanone		39.2		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,1-Dichloroethane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,1-Dichloroethene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,1-Dichloropropene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,2,3-Trichlorobenzene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,2,3-Trichloropropane	NELAP	7.8		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,2,3-Trimethylbenzene		3.9	J	1.0	µg/Kg-dry	1	06/01/2011 19:01	68649
1,2,4-Trichlorobenzene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,2,4-Trimethylbenzene	NELAP	3.9	J	1.1	µg/Kg-dry	1	06/01/2011 19:01	68649
1,2-Dibromo-3-chloropropane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,2-Dibromoethane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,2-Dichlorobenzene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,2-Dichloroethane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,2-Dichloropropane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,3,5-Trimethylbenzene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,3-Dichlorobenzene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,3-Dichloropropane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1,4-Dichlorobenzene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
1-Chlorobutane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
2,2-Dichloropropane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
2-Butanone	NELAP	39.2		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
2-Chlorotoluene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
2-Hexanone	NELAP	39.2		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
2-Nitropropane	NELAP	39.2		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
4-Chlorotoluene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
4-Methyl-2-pentanone	NELAP	39.2		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Acetone	NELAP	39.2	J	16	µg/Kg-dry	1	06/01/2011 19:01	68649
Acrolein	NELAP	78.3		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Acrylonitrile	NELAP	7.8		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Allyl chloride	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-005

Client Sample ID: P9-G1-W (15)

Matrix: SOLID

Collection Date: 05/25/2011 13:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	0.8		1.2	µg/Kg-dry	1	06/01/2011 19:01	68649
Bromobenzene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Bromochloromethane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Bromodichloromethane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Bromoform	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Bromomethane	NELAP	7.8		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Carbon disulfide	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Carbon tetrachloride	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Chlorobenzene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Chloroethane	NELAP	7.8		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Chloroform	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Chloromethane	NELAP	7.8		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
cis-1,2-Dichloroethene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
cis-1,3-Dichloropropene	NELAP	3.1		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Cyclohexanone		78.3		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Dibromochloromethane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Dibromomethane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Dichlorodifluoromethane	NELAP	7.8		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Ethyl acetate	NELAP	39.2		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Ethyl ether	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Ethyl methacrylate	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Ethylbenzene	NELAP	3.9	J	1.0	µg/Kg-dry	1	06/01/2011 19:01	68649
Heptane		15.7		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Hexachlorobutadiene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Hexachloroethane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Iodomethane	NELAP	7.8		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Isopropylbenzene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
m,p-Xylenes	NELAP	3.9	J	2.4	µg/Kg-dry	1	06/01/2011 19:01	68649
Methacrylonitrile	NELAP	39.2		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Methyl Methacrylate	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Methyl tert-butyl ether	NELAP	1.6		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Methylacrylate		7.8		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Methylene chloride	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Naphthalene	NELAP	7.8	J	3.6	µg/Kg-dry	1	06/01/2011 19:01	68649
n-Butylbenzene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
n-Hexane		15.7	J	2.9	µg/Kg-dry	1	06/01/2011 19:01	68649
Nitrobenzene	NELAP	78.3		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
n-Propylbenzene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
o-Xylene	NELAP	3.9	J	1.0	µg/Kg-dry	1	06/01/2011 19:01	68649
Pentachloroethane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
p-Isopropyltoluene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Propionitrile	NELAP	39.2		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
sec-Butylbenzene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Styrene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
tert-Butylbenzene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Tetrachloroethene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Tetrahydrofuran	NELAP	39.2		ND	µg/Kg-dry	1	06/01/2011 19:01	68649



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

**Lab ID:** 11051268-005

**Client Sample ID:** P9-G1-W (15)

**Matrix:** SOLID

**Collection Date:** 05/25/2011 13:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Toluene	NELAP	3.9	J	2.6	µg/Kg-dry	1	06/01/2011 19:01	68649
trans-1,2-Dichloroethene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
trans-1,3-Dichloropropene	NELAP	3.1		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Trichloroethene	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Trichlorofluoromethane	NELAP	3.9		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Vinyl acetate	NELAP	39.2		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Vinyl chloride	NELAP	1.6		ND	µg/Kg-dry	1	06/01/2011 19:01	68649
Surr: 1,2-Dichloroethane-d4		72.2-131		112.7	%REC	1	06/01/2011 19:01	68649
Surr: 4-Bromofluorobenzene		82.1-116		84.6	%REC	1	06/01/2011 19:01	68649
Surr: Dibromofluoromethane		77.7-120		112.0	%REC	1	06/01/2011 19:01	68649
Surr: Toluene-d8		86-116		113.3	%REC	1	06/01/2011 19:01	68649

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-006

Client Sample ID: P9-F1-W (3)

Matrix: SOLID

Collection Date: 05/25/2011 13:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		21.9	%	1	05/31/2011 11:30	R150136
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		78.1	%	1	05/31/2011 11:30	R150089
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		32.0	J	13	mg/Kg-dry	50	06/01/2011 9:20	R150127
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	22.4		29.0	mg/Kg-dry	50	06/01/2011 9:20	R150127
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		14.1	mg/Kg-dry	1	06/01/2011 5:06	68543
Barium	NELAP	0.49		180	mg/Kg-dry	1	06/01/2011 5:06	68543
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	06/01/2011 5:06	68543
Chromium	NELAP	0.98		28.0	mg/Kg-dry	1	06/01/2011 5:06	68543
Lead	NELAP	3.92		17.0	mg/Kg-dry	1	06/01/2011 5:06	68543
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	06/01/2011 5:06	68543
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.566		< 0.566	mg/Kg-dry	1	06/02/2011 12:13	68589
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012		0.052	mg/Kg-dry	1	05/31/2011 10:36	68529
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Benzo(a)anthracene	NELAP	0.004		0.007	mg/Kg-dry	1	06/06/2011 22:22	68579
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Bis(2-ethylhexyl)phthalate	NELAP	0.086		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/06/2011 22:22	68579
Surr: 2-Fluorobiphenyl		10-131		71.1	%REC	1	06/06/2011 22:22	68579
Surr: Nitrobenzene-d5		10-132		69.1	%REC	1	06/06/2011 22:22	68579
Surr: p-Terphenyl-d14		80.2-138	S	76.9	%REC	1	06/06/2011 22:22	68579
<i>Surrogate recovery was outside QC limits due to matrix interference.</i>								
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
1,2-Dichlorobenzene	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
1,3-Dichlorobenzene	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
1,4-Dichlorobenzene	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
2,4,5-Trichlorophenol	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548



Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-006

Client Sample ID: P9-F1-W (3)

Matrix: SOLID

Collection Date: 05/25/2011 13:20

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	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
2,4-Dichlorophenol	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
2,4-Dimethylphenol	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
2,4-Dinitrophenol	NELAP	1.28		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
2,4-Dinitrotoluene	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
2,6-Dinitrotoluene	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
2-Chloronaphthalene	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
2-Chlorophenol	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
2-Methoxy-4-methylphenol		0.832		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
2-Methylnaphthalene	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
2-Nitroaniline	NELAP	1.28		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
2-Nitrophenol	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
3,3'-Dichlorobenzidine	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
3-Nitroaniline	NELAP	1.28		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
4,6-Dinitro-2-methylphenol	NELAP	1.28		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
4-Bromophenyl phenyl ether	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
4-Chloro-3-methylphenol	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
4-Chloroaniline	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
4-Chlorophenyl phenyl ether	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
4-Nitroaniline	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
4-Nitrophenol	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Aniline	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Azobenzene		0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Benzidine	NELAP	1.35		see note	mg/Kg-dry	1	05/31/2011 16:51	68548
Benzoic acid	NELAP	1.92		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Benzyl alcohol	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Bis(2-chloroethoxy)methane	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Bis(2-chloroethyl)ether	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Bis(2-chloroisopropyl)ether	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Butyl benzyl phthalate	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Carbazole		0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Dibenzofuran	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Diethyl phthalate	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Dimethyl phthalate	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Di-n-butyl phthalate	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Di-n-octyl phthalate	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Hexachlorobenzene	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Hexachlorobutadiene	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Hexachlorocyclopentadiene	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Hexachloroethane	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Isophorone	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
m,p-Cresol	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Nitrobenzene	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
N-Nitrosodimethylamine	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
N-Nitroso-di-n-propylamine	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
N-Nitrosodiphenylamine	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
o-Cresol	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-006

Client Sample ID: P9-F1-W (3)

Matrix: SOLID

Collection Date: 05/25/2011 13:20

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	2.56		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Phenol	NELAP	0.448		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Pyridine	NELAP	0.640		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
1,2-Diphenylhydrazine		1.08		ND	mg/Kg-dry	1	05/31/2011 16:51	68548
Surr: 2,4,6-Tribromophenol		32.7-130		85.3	%REC	1	05/31/2011 16:51	68548
Surr: 2-Fluorobiphenyl		34.1-116		65.1	%REC	1	05/31/2011 16:51	68548
Surr: 2-Fluorophenol		30.5-99		67.1	%REC	1	05/31/2011 16:51	68548
Surr: Nitrobenzene-d5		34.1-101		68.2	%REC	1	05/31/2011 16:51	68548
Surr: Phenol-d5		34.9-110		69.3	%REC	1	05/31/2011 16:51	68548
Surr: p-Terphenyl-d14		41.7-124		70.7	%REC	1	05/31/2011 16:51	68548

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	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,1,1-Trichloroethane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,1,2,2-Tetrachloroethane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,1,2-Trichloro-1,2,2-trifluoroethane		10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,1,2-Trichloroethane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,1-Dichloro-2-propanone		104		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,1-Dichloroethane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,1-Dichloroethene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,1-Dichloropropene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,2,3-Trichlorobenzene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,2,3-Trichloropropane	NELAP	20.8		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,2,3-Trimethylbenzene		10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,2,4-Trichlorobenzene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,2,4-Trimethylbenzene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,2-Dibromo-3-chloropropane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,2-Dibromoethane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,2-Dichlorobenzene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,2-Dichloroethane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,2-Dichloropropane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,3,5-Trimethylbenzene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,3-Dichlorobenzene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,3-Dichloropropane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1,4-Dichlorobenzene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
1-Chlorobutane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
2,2-Dichloropropane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
2-Butanone	NELAP	104		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
2-Chlorotoluene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
2-Hexanone	NELAP	104		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
2-Nitropropane	NELAP	104		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
4-Chlorotoluene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
4-Methyl-2-pentanone	NELAP	104		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Acetone	NELAP	104	J	82	µg/Kg-dry	1	06/03/2011 12:04	68765
Acrolein	NELAP	208		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Acrylonitrile	NELAP	20.8		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Allyl chloride	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765



## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-006

Client Sample ID: P9-F1-W (3)

Matrix: SOLID

Collection Date: 05/25/2011 13:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.1		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Bromobenzene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Bromochloromethane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Bromodichloromethane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Bromoform	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Bromomethane	NELAP	20.8		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Carbon disulfide	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Carbon tetrachloride	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Chlorobenzene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Chloroethane	NELAP	20.8		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Chloroform	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Chloromethane	NELAP	20.8		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
cis-1,2-Dichloroethene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
cis-1,3-Dichloropropene	NELAP	8.3		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Cyclohexanone		208		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Dibromochloromethane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Dibromomethane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Dichlorodifluoromethane	NELAP	20.8		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Ethyl acetate	NELAP	104		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Ethyl ether	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Ethyl methacrylate	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Ethylbenzene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Heptane		41.6		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Hexachlorobutadiene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Hexachloroethane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Iodomethane	NELAP	20.8		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Isopropylbenzene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
m,p-Xylenes	NELAP	10.4	J	4.9	µg/Kg-dry	1	06/03/2011 12:04	68765
Methacrylonitrile	NELAP	104		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Methyl Methacrylate	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Methyl tert-butyl ether	NELAP	4.2		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Methylacrylate		20.8		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Methylene chloride	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Naphthalene	NELAP	20.8		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
n-Butylbenzene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
n-Hexane		41.6		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Nitrobenzene	NELAP	208		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
n-Propylbenzene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
o-Xylene	NELAP	10.4	J	2.3	µg/Kg-dry	1	06/03/2011 12:04	68765
Pentachloroethane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
p-Isopropyltoluene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Propionitrile	NELAP	104		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
sec-Butylbenzene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Styrene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
tert-Butylbenzene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Tetrachloroethene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Tetrahydrofuran	NELAP	104		ND	µg/Kg-dry	1	06/03/2011 12:04	68765



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

**Lab ID:** 11051268-006

**Client Sample ID:** P9-F1-W (3)

**Matrix:** SOLID

**Collection Date:** 05/25/2011 13:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Toluene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
trans-1,2-Dichloroethene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
trans-1,3-Dichloropropene	NELAP	8.3		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Trichloroethene	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Trichlorofluoromethane	NELAP	10.4		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Vinyl acetate	NELAP	104		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Vinyl chloride	NELAP	4.2		ND	µg/Kg-dry	1	06/03/2011 12:04	68765
Surr: 1,2-Dichloroethane-d4		72.2-131		120.1	%REC	1	06/03/2011 12:04	68765
Surr: 4-Bromofluorobenzene		82.1-116		101.8	%REC	1	06/03/2011 12:04	68765
Surr: Dibromofluoromethane		77.7-120		111.9	%REC	1	06/03/2011 12:04	68765
Surr: Toluene-d8		86-116		96.0	%REC	1	06/03/2011 12:04	68765

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-007

Client Sample ID: P9-F1-W (8)

Matrix: SOLID

Collection Date: 05/25/2011 13:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		19.5	%	1	05/31/2011 11:30	R150136
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		80.5	%	1	05/31/2011 11:30	R150089
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.621		Interference	mg/Kg-dry	1	06/01/2011 9:20	R150127
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.62		0.81	mg/Kg-dry	1	06/01/2011 9:20	R150127
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.40		10.2	mg/Kg-dry	1	06/01/2011 5:12	68543
Barium	NELAP	0.48		67.2	mg/Kg-dry	1	06/01/2011 5:12	68543
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	06/01/2011 5:12	68543
Chromium	NELAP	0.96		24.1	mg/Kg-dry	1	06/01/2011 5:12	68543
Lead	NELAP	3.85		14.2	mg/Kg-dry	1	06/01/2011 5:12	68543
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	06/01/2011 5:12	68543
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.566		< 0.566	mg/Kg-dry	1	06/02/2011 12:16	68589
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012	J	0.012	mg/Kg-dry	1	05/31/2011 10:36	68529
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004	S	0.371	mg/Kg-dry	1	06/03/2011 0:44	68579
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 0:44	68579
Anthracene	NELAP	0.004	S	0.224	mg/Kg-dry	1	06/03/2011 0:44	68579
Benzo(a)anthracene	NELAP	0.004		0.068	mg/Kg-dry	1	06/03/2011 0:44	68579
Benzo(a)pyrene	NELAP	0.004		0.045	mg/Kg-dry	1	06/03/2011 0:44	68579
Benzo(b)fluoranthene	NELAP	0.004		0.034	mg/Kg-dry	1	06/03/2011 0:44	68579
Benzo(g,h,i)perylene	NELAP	0.004		0.019	mg/Kg-dry	1	06/03/2011 0:44	68579
Benzo(k)fluoranthene	NELAP	0.004		0.011	mg/Kg-dry	1	06/03/2011 0:44	68579
Bis(2-ethylhexyl)phthalate	NELAP	0.083		ND	mg/Kg-dry	1	06/03/2011 0:44	68579
Chrysene	NELAP	0.004		0.067	mg/Kg-dry	1	06/03/2011 0:44	68579
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 0:44	68579
Fluoranthene	NELAP	0.004		0.111	mg/Kg-dry	1	06/03/2011 0:44	68579
Fluorene	NELAP	0.004	S	0.435	mg/Kg-dry	1	06/03/2011 0:44	68579
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.012	mg/Kg-dry	1	06/03/2011 0:44	68579
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 0:44	68579
Phenanthrene	NELAP	0.004		0.042	mg/Kg-dry	1	06/03/2011 0:44	68579
Pyrene	NELAP	0.004		0.349	mg/Kg-dry	1	06/03/2011 0:44	68579
Surr: 2-Fluorobiphenyl		10-131		109.3	%REC	1	06/03/2011 0:44	68579
Surr: Nitrobenzene-d5		10-132		70.6	%REC	1	06/03/2011 0:44	68579
Surr: p-Terphenyl-d14		80.2-138		103.9	%REC	1	06/03/2011 0:44	68579
<i>Matrix spike 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	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
1,2-Dichlorobenzene	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
1,3-Dichlorobenzene	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
1,4-Dichlorobenzene	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
2,4,5-Trichlorophenol	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-007

Client Sample ID: P9-F1-W (8)

Matrix: SOLID

Collection Date: 05/25/2011 13:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,6-Trichlorophenol	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
2,4-Dichlorophenol	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
2,4-Dimethylphenol	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
2,4-Dinitrophenol	NELAP	1.24		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
2,4-Dinitrotoluene	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
2,6-Dinitrotoluene	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
2-Chloronaphthalene	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
2-Chlorophenol	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
2-Methoxy-4-methylphenol		0.808		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
2-Methylnaphthalene	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
2-Nitroaniline	NELAP	1.24		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
2-Nitrophenol	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
3,3'-Dichlorobenzidine	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
3-Nitroaniline	NELAP	1.24		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
4,6-Dinitro-2-methylphenol	NELAP	1.24		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
4-Bromophenyl phenyl ether	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
4-Chloro-3-methylphenol	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
4-Chloroaniline	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
4-Chlorophenyl phenyl ether	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
4-Nitroaniline	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
4-Nitrophenol	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Aniline	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Azobenzene		0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Benzidine	NELAP	1.31		see note	mg/Kg-dry	1	05/31/2011 15:47	68548
Benzoic acid	NELAP	1.86		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Benzyl alcohol	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Bis(2-chloroethoxy)methane	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Bis(2-chloroethyl)ether	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Bis(2-chloroisopropyl)ether	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Butyl benzyl phthalate	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Carbazole		0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Dibenzofuran	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Diethyl phthalate	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Dimethyl phthalate	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Di-n-butyl phthalate	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Di-n-octyl phthalate	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Hexachlorobenzene	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Hexachlorobutadiene	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Hexachlorocyclopentadiene	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Hexachloroethane	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Isophorone	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
m,p-Cresol	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Nitrobenzene	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
N-Nitrosodimethylamine	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
N-Nitroso-di-n-propylamine	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
N-Nitrosodiphenylamine	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
o-Cresol	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-007

Client Sample ID: P9-F1-W (8)

Matrix: SOLID

Collection Date: 05/25/2011 13:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Pentachlorophenol	NELAP	2.49		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Phenol	NELAP	0.435		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Pyridine	NELAP	0.621		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
1,2-Diphenylhydrazine		1.04		ND	mg/Kg-dry	1	05/31/2011 15:47	68548
Surr: 2,4,6-Tribromophenol		32.7-130		105.9	%REC	1	05/31/2011 15:47	68548
Surr: 2-Fluorobiphenyl		34.1-116		73.7	%REC	1	05/31/2011 15:47	68548
Surr: 2-Fluorophenol		30.5-99		76.5	%REC	1	05/31/2011 15:47	68548
Surr: Nitrobenzene-d5		34.1-101		82.5	%REC	1	05/31/2011 15:47	68548
Surr: Phenol-d5		34.9-110		78.1	%REC	1	05/31/2011 15:47	68548
Surr: p-Terphenyl-d14		41.7-124		81.0	%REC	1	05/31/2011 15:47	68548

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	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,1,1-Trichloroethane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,1,2,2-Tetrachloroethane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,1,2-Trichloro-1,2,2-trifluoroethane		121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,1,2-Trichloroethane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,1-Dichloro-2-propanone		1210		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,1-Dichloroethane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,1-Dichloroethene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,1-Dichloropropene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,2,3-Trichlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,2,3-Trichloropropane	NELAP	243		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,2,3-Trimethylbenzene		121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,2,4-Trichlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,2,4-Trimethylbenzene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,2-Dibromo-3-chloropropane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,2-Dibromoethane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,2-Dichlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,2-Dichloroethane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,2-Dichloropropane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,3,5-Trimethylbenzene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,3-Dichlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,3-Dichloropropane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1,4-Dichlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
1-Chlorobutane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
2,2-Dichloropropane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
2-Butanone	NELAP	1210		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
2-Chlorotoluene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
2-Hexanone	NELAP	1210		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
2-Nitropropane	NELAP	1210		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
4-Chlorotoluene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
4-Methyl-2-pentanone	NELAP	1210		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Acetone	NELAP	1210	J	470	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Acrolein	NELAP	2430		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Acrylonitrile	NELAP	243		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Allyl chloride	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-007

Client Sample ID: P9-F1-W (8)

Matrix: SOLID

Collection Date: 05/25/2011 13:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	24.3		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Bromobenzene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Bromochloromethane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Bromodichloromethane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Bromoform	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Bromomethane	NELAP	243		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Carbon disulfide	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Carbon tetrachloride	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Chlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Chloroethane	NELAP	243		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Chloroform	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Chloromethane	NELAP	243		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
cis-1,2-Dichloroethene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
cis-1,3-Dichloropropene	NELAP	97.1		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Cyclohexanone		2430		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Dibromochloromethane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Dibromomethane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Dichlorodifluoromethane	NELAP	243		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Ethyl acetate	NELAP	1210		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Ethyl ether	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Ethyl methacrylate	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Ethylbenzene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Heptane		485		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Hexachlorobutadiene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Hexachloroethane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Iodomethane	NELAP	243		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Isopropylbenzene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
m,p-Xylenes	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Methacrylonitrile	NELAP	1210		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Methyl Methacrylate	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Methyl tert-butyl ether	NELAP	48.5		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Methylacrylate		243		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Methylene chloride	NELAP	121	J	68	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Naphthalene	NELAP	243	J	160	µg/Kg-dry	12.5	06/03/2011 11:35	68765
n-Butylbenzene	NELAP	121		129	µg/Kg-dry	12.5	06/03/2011 11:35	68765
n-Hexane		485		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Nitrobenzene	NELAP	2430		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
n-Propylbenzene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
o-Xylene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Pentachloroethane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
p-Isopropyltoluene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Propionitrile	NELAP	1210		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
sec-Butylbenzene	NELAP	121	J	52	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Styrene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
tert-Butylbenzene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Tetrachloroethene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Tetrahydrofuran	NELAP	1210		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765





# Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

**Lab ID:** 11051268-007

**Client Sample ID:** P9-F1-W (8)

**Matrix:** SOLID

**Collection Date:** 05/25/2011 13:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Toluene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
trans-1,2-Dichloroethene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
trans-1,3-Dichloropropene	NELAP	97.1		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Trichloroethene	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Trichlorofluoromethane	NELAP	121		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Vinyl acetate	NELAP	1210		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Vinyl chloride	NELAP	48.5		ND	µg/Kg-dry	12.5	06/03/2011 11:35	68765
Surr: 1,2-Dichloroethane-d4		72.2-131		120.3	%REC	12.5	06/03/2011 11:35	68765
Surr: 4-Bromofluorobenzene		82.1-116		108.7	%REC	12.5	06/03/2011 11:35	68765
Surr: Dibromofluoromethane		77.7-120		111.5	%REC	12.5	06/03/2011 11:35	68765
Surr: Toluene-d8		86-116		96.0	%REC	12.5	06/03/2011 11:35	68765

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-008

Client Sample ID: P9-F1-W (15)

Matrix: SOLID

Collection Date: 05/25/2011 13:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		13.2	%	1	05/31/2011 11:30	R150136
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		86.8	%	1	05/31/2011 11:30	R150089
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.645		< 0.645	mg/Kg-dry	1	06/01/2011 9:20	R150127
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.64		< 0.64	mg/Kg-dry	1	06/01/2011 9:20	R150127
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		6.43	mg/Kg-dry	1	06/01/2011 5:29	68543
Barium	NELAP	0.50		22.6	mg/Kg-dry	1	06/01/2011 5:29	68543
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	06/01/2011 5:29	68543
Chromium	NELAP	1.00		17.5	mg/Kg-dry	1	06/01/2011 5:29	68543
Lead	NELAP	4.00		10.5	mg/Kg-dry	1	06/01/2011 5:29	68543
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	06/01/2011 5:29	68543
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.545	J	0.36	mg/Kg-dry	1	06/02/2011 12:20	68589
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011		0.011	mg/Kg-dry	1	05/31/2011 10:36	68529
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		0.010	mg/Kg-dry	1	06/03/2011 2:30	68579
Acenaphthylene	NELAP	0.004		0.015	mg/Kg-dry	1	06/03/2011 2:30	68579
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 2:30	68579
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 2:30	68579
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 2:30	68579
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 2:30	68579
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 2:30	68579
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 2:30	68579
Bis(2-ethylhexyl)phthalate	NELAP	0.077		ND	mg/Kg-dry	1	06/03/2011 2:30	68579
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 2:30	68579
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 2:30	68579
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 2:30	68579
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 2:30	68579
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 2:30	68579
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 2:30	68579
Phenanthrene	NELAP	0.004		0.005	mg/Kg-dry	1	06/03/2011 2:30	68579
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 2:30	68579
Surr: 2-Fluorobiphenyl		10-131		73.3	%REC	1	06/03/2011 2:30	68579
Surr: Nitrobenzene-d5		10-132		66.3	%REC	1	06/03/2011 2:30	68579
Surr: p-Terphenyl-d14		80.2-138		102.7	%REC	1	06/03/2011 2:30	68579
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
1,2-Dichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
1,3-Dichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
1,4-Dichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
2,4,5-Trichlorophenol	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
2,4,6-Trichlorophenol	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-008

Client Sample ID: P9-F1-W (15)

Matrix: SOLID

Collection Date: 05/25/2011 13:40

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	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
2,4-Dimethylphenol	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
2,4-Dinitrophenol	NELAP	1.14		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
2,4-Dinitrotoluene	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
2,6-Dinitrotoluene	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
2-Chloronaphthalene	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
2-Chlorophenol	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
2-Methoxy-4-methylphenol		0.742		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
2-Methylnaphthalene	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
2-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
2-Nitrophenol	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
3,3'-Dichlorobenzidine	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
3-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
4,6-Dinitro-2-methylphenol	NELAP	1.14		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
4-Bromophenyl phenyl ether	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
4-Chloro-3-methylphenol	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
4-Chloroaniline	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
4-Chlorophenyl phenyl ether	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
4-Nitroaniline	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
4-Nitrophenol	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Aniline	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Azobenzene		0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Benzidine	NELAP	1.21		see note	mg/Kg-dry	1	06/01/2011 10:20	68548
Benzoic acid	NELAP	1.71		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Benzyl alcohol	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Bis(2-chloroethoxy)methane	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Bis(2-chloroethyl)ether	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Bis(2-chloroisopropyl)ether	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Butyl benzyl phthalate	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Carbazole		0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Dibenzofuran	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Diethyl phthalate	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Dimethyl phthalate	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Di-n-butyl phthalate	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Di-n-octyl phthalate	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Hexachlorobenzene	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Hexachlorobutadiene	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Hexachlorocyclopentadiene	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Hexachloroethane	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Isophorone	NELAP	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
m,p-Cresol	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Nitrobenzene	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
N-Nitrosodimethylamine	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
N-Nitroso-di-n-propylamine	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
N-Nitrosodiphenylamine	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
o-Cresol	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Pentachlorophenol	NELAP	2.28		ND	mg/Kg-dry	1	06/01/2011 10:20	68548

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Lab ID: 11051268-008

Client Sample ID: P9-F1-W (15)

Matrix: SOLID

Collection Date: 05/25/2011 13:40

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	0.399		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Pyridine	NELAP	0.571		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
1,2-Diphenylhydrazine		0.959		ND	mg/Kg-dry	1	06/01/2011 10:20	68548
Surr: 2,4,6-Tribromophenol		32.7-130		74.3	%REC	1	06/01/2011 10:20	68548
Surr: 2-Fluorobiphenyl		34.1-116		56.3	%REC	1	06/01/2011 10:20	68548
Surr: 2-Fluorophenol		30.5-99		65.5	%REC	1	06/01/2011 10:20	68548
Surr: Nitrobenzene-d5		34.1-101		63.2	%REC	1	06/01/2011 10:20	68548
Surr: Phenol-d5		34.9-110		68.6	%REC	1	06/01/2011 10:20	68548
Surr: p-Terphenyl-d14		41.7-124		76.0	%REC	1	06/01/2011 10:20	68548
<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	06/03/2011 12:34	68765
1,1,1-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,1,2,2-Tetrachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,1,2-Trichloro-1,2,2-trifluoroethane		4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,1,2-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,1-Dichloro-2-propanone		44.2		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,1-Dichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,1-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,1-Dichloropropene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,2,3-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,2,3-Trichloropropane	NELAP	8.8		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,2,3-Trimethylbenzene		4.4	J	1.0	µg/Kg-dry	1	06/03/2011 12:34	68765
1,2,4-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,2,4-Trimethylbenzene	NELAP	4.4	J	1.8	µg/Kg-dry	1	06/03/2011 12:34	68765
1,2-Dibromo-3-chloropropane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,2-Dibromoethane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,2-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,2-Dichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,3,5-Trimethylbenzene	NELAP	4.4		5.8	µg/Kg-dry	1	06/03/2011 12:34	68765
1,3-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,3-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1,4-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
1-Chlorobutane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
2,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
2-Butanone	NELAP	44.2	J	14	µg/Kg-dry	1	06/03/2011 12:34	68765
2-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
2-Hexanone	NELAP	44.2		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
2-Nitropropane	NELAP	44.2		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
4-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
4-Methyl-2-pentanone	NELAP	44.2		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Acetone	NELAP	44.2		53.6	µg/Kg-dry	1	06/03/2011 12:34	68765
Acrolein	NELAP	88.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Acrylonitrile	NELAP	8.8		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Allyl chloride	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Benzene	NELAP	0.9		2.8	µg/Kg-dry	1	06/03/2011 12:34	68765

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

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Client Sample ID: P9-F1-W (15)

Matrix: SOLID

Collection Date: 05/25/2011 13:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Bromobenzene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Bromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Bromodichloromethane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Bromoform	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Bromomethane	NELAP	8.8		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Carbon disulfide	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Carbon tetrachloride	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Chlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Chloroethane	NELAP	8.8		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Chloroform	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Chloromethane	NELAP	8.8		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
cis-1,2-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
cis-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Cyclohexanone		88.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Dibromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Dibromomethane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Dichlorodifluoromethane	NELAP	8.8		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Ethyl acetate	NELAP	44.2		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Ethyl ether	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Ethyl methacrylate	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Ethylbenzene	NELAP	4.4	J	1.9	µg/Kg-dry	1	06/03/2011 12:34	68765
Heptane		17.7		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Hexachlorobutadiene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Hexachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Iodomethane	NELAP	8.8		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Isopropylbenzene	NELAP	4.4		4.9	µg/Kg-dry	1	06/03/2011 12:34	68765
m,p-Xylenes	NELAP	4.4	J	3.9	µg/Kg-dry	1	06/03/2011 12:34	68765
Methacrylonitrile	NELAP	44.2		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Methyl Methacrylate	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Methyl tert-butyl ether	NELAP	1.8		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Methylacrylate		8.8		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Methylene chloride	NELAP	4.4	J	2.5	µg/Kg-dry	1	06/03/2011 12:34	68765
Naphthalene	NELAP	8.8		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
n-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
n-Hexane		17.7	J	3.8	µg/Kg-dry	1	06/03/2011 12:34	68765
Nitrobenzene	NELAP	88.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
n-Propylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
o-Xylene	NELAP	4.4	J	1.8	µg/Kg-dry	1	06/03/2011 12:34	68765
Pentachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
p-Isopropyltoluene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Propionitrile	NELAP	44.2		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
sec-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Styrene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
tert-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Tetrachloroethene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Tetrahydrofuran	NELAP	44.2	J	11	µg/Kg-dry	1	06/03/2011 12:34	68765
Toluene	NELAP	4.4		4.6	µg/Kg-dry	1	06/03/2011 12:34	68765



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

**Lab ID:** 11051268-008

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**Matrix:** SOLID

**Collection Date:** 05/25/2011 13:40

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	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
trans-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Trichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Trichlorofluoromethane	NELAP	4.4		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Vinyl acetate	NELAP	44.2		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Vinyl chloride	NELAP	1.8		ND	µg/Kg-dry	1	06/03/2011 12:34	68765
Surr: 1,2-Dichloroethane-d4		72.2-131		118.4	%REC	1	06/03/2011 12:34	68765
Surr: 4-Bromofluorobenzene		82.1-116		99.3	%REC	1	06/03/2011 12:34	68765
Surr: Dibromofluoromethane		77.7-120		112.7	%REC	1	06/03/2011 12:34	68765
Surr: Toluene-d8		86-116		101.3	%REC	1	06/03/2011 12:34	68765



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11051268-001	P9-H4-W (17)	Solid	5	05/25/2011 12:30
11051268-002	P9-H3-W (16)	Solid	5	05/25/2011 12:40
11051268-003	P9-H2-W (16)	Solid	5	05/25/2011 12:50
11051268-004	P9-H1-W (15)	Solid	5	05/25/2011 13:00
11051268-005	P9-G1-W (15)	Solid	5	05/25/2011 13:10
11051268-006	P9-F1-W (3)	Solid	5	05/25/2011 13:20
11051268-007	P9-F1-W (8)	Solid	5	05/25/2011 13:30
11051268-008	P9-F1-W (15)	Solid	5	05/25/2011 13:40



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11051268-001A	P9-H4-W (17)	05/25/2011 12:30	5/26/2011 12:50:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/27/2011 15:42	06/01/2011 4:25
	SW-846 3050B, Metals by GFAA		05/31/2011 13:40	06/02/2011 11:43
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/31/2011 11:00	06/02/2011 21:49
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/27/2011 10:53	06/02/2011 2:22
	SW-846 7471A		05/31/2011 8:27	05/31/2011 10:36
11051268-001B	P9-H4-W (17)	05/25/2011 12:30	5/26/2011 12:50:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/31/2011 11:30
	Standard Methods 18th Ed. 2540 G			05/31/2011 11:30
	SW-846 9012A			05/31/2011 9:07
	SW-846 9012A (Total)			06/01/2011 9:20
11051268-001E	P9-H4-W (17)	05/25/2011 12:30	5/26/2011 12:50:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/01/2011 17:34
11051268-002A	P9-H3-W (16)	05/25/2011 12:40	5/26/2011 12:50:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/27/2011 15:42	06/01/2011 4:31
	SW-846 3050B, Metals by GFAA		05/31/2011 13:40	06/02/2011 11:46
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/31/2011 11:00	06/06/2011 19:59
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/27/2011 10:53	05/31/2011 18:26
	SW-846 7471A		05/31/2011 8:27	05/31/2011 10:36
11051268-002B	P9-H3-W (16)	05/25/2011 12:40	5/26/2011 12:50:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/31/2011 11:30
	Standard Methods 18th Ed. 2540 G			05/31/2011 11:30
	SW-846 9012A			06/01/2011 9:20
	SW-846 9012A (Total)			06/01/2011 9:20
11051268-002E	P9-H3-W (16)	05/25/2011 12:40	5/26/2011 12:50:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/01/2011 18:03
11051268-003A	P9-H2-W (16)	05/25/2011 12:50	5/26/2011 12:50:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/27/2011 15:42	06/01/2011 4:37
	SW-846 3050B, Metals by GFAA		05/31/2011 13:40	06/02/2011 12:03
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/31/2011 11:00	06/06/2011 20:35
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/27/2011 10:53	05/31/2011 17:55
	SW-846 7471A		05/31/2011 8:27	05/31/2011 10:36
11051268-003B	P9-H2-W (16)	05/25/2011 12:50	5/26/2011 12:50:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/31/2011 11:30
	Standard Methods 18th Ed. 2540 G			05/31/2011 11:30
	SW-846 9012A			06/01/2011 9:20
	SW-846 9012A (Total)			06/01/2011 9:20





## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11051268-003E	P9-H2-W (16)	05/25/2011 12:50	5/26/2011 12:50:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/01/2011 18:32
11051268-004A	P9-H1-W (15)	05/25/2011 13:00	5/26/2011 12:50:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/27/2011 15:42	06/01/2011 4:54
	SW-846 3050B, Metals by GFAA		05/31/2011 13:40	06/02/2011 12:06
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/31/2011 11:00	06/06/2011 21:11
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/27/2011 16:23	05/31/2011 17:23
	SW-846 7471A		05/31/2011 8:27	05/31/2011 10:36
11051268-004B	P9-H1-W (15)	05/25/2011 13:00	5/26/2011 12:50:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/31/2011 11:30
	Standard Methods 18th Ed. 2540 G			05/31/2011 11:30
	SW-846 9012A			06/01/2011 9:20
	SW-846 9012A (Total)			06/01/2011 9:20
11051268-004E	P9-H1-W (15)	05/25/2011 13:00	5/26/2011 12:50:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/03/2011 11:06
11051268-005A	P9-G1-W (15)	05/25/2011 13:10	5/26/2011 12:50:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/27/2011 15:42	06/01/2011 5:00
	SW-846 3050B, Metals by GFAA		05/31/2011 13:40	06/02/2011 12:10
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/31/2011 11:00	06/06/2011 21:46
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/27/2011 16:23	05/31/2011 16:19
	SW-846 7471A		05/31/2011 8:27	05/31/2011 10:36
11051268-005B	P9-G1-W (15)	05/25/2011 13:10	5/26/2011 12:50:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/31/2011 11:30
	Standard Methods 18th Ed. 2540 G			05/31/2011 11:30
	SW-846 9012A			06/01/2011 9:20
	SW-846 9012A (Total)			06/01/2011 9:20
11051268-005E	P9-G1-W (15)	05/25/2011 13:10	5/26/2011 12:50:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/01/2011 19:01
11051268-006A	P9-F1-W (3)	05/25/2011 13:20	5/26/2011 12:50:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		05/27/2011 15:42	06/01/2011 5:06
	SW-846 3050B, Metals by GFAA		05/31/2011 13:40	06/02/2011 12:13
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		05/31/2011 11:00	06/06/2011 22:22
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		05/27/2011 16:23	05/31/2011 16:51
	SW-846 7471A		05/31/2011 8:27	05/31/2011 10:36
11051268-006B	P9-F1-W (3)	05/25/2011 13:20	5/26/2011 12:50:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			05/31/2011 11:30



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	Test Name	Prep Date/Time	Analysis Date/Time
				Standard Methods 18th Ed. 2540 G		05/31/2011 11:30
				SW-846 9012A		06/01/2011 9:20
				SW-846 9012A (Total)		06/01/2011 9:20
11051268-006E	P9-F1-W (3)	05/25/2011 13:20	5/26/2011 12:50:00 PM			
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		06/03/2011 12:04
11051268-007A	P9-F1-W (8)	05/25/2011 13:30	5/26/2011 12:50:00 PM			
				SW-846 3050B, 6010B, Metals by ICP	05/27/2011 15:42	06/01/2011 5:12
				SW-846 3050B, Metals by GFAA	05/31/2011 13:40	06/02/2011 12:16
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	05/31/2011 11:00	06/03/2011 0:44
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	05/27/2011 16:23	05/31/2011 15:47
				SW-846 7471A	05/31/2011 8:27	05/31/2011 10:36
11051268-007B	P9-F1-W (8)	05/25/2011 13:30	5/26/2011 12:50:00 PM			
				EPA SW846 3550C, 5035A, ASTM D2974		05/31/2011 11:30
				Standard Methods 18th Ed. 2540 G		05/31/2011 11:30
				SW-846 9012A		06/01/2011 9:20
				SW-846 9012A (Total)		06/01/2011 9:20
11051268-007E	P9-F1-W (8)	05/25/2011 13:30	5/26/2011 12:50:00 PM			
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		06/03/2011 11:35
11051268-008A	P9-F1-W (15)	05/25/2011 13:40	5/26/2011 12:50:00 PM			
				SW-846 3050B, 6010B, Metals by ICP	05/27/2011 15:42	06/01/2011 5:29
				SW-846 3050B, Metals by GFAA	05/31/2011 13:40	06/02/2011 12:20
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	05/31/2011 11:00	06/03/2011 2:30
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	05/27/2011 16:23	06/01/2011 10:20
				SW-846 7471A	05/31/2011 8:27	05/31/2011 10:36
11051268-008B	P9-F1-W (15)	05/25/2011 13:40	5/26/2011 12:50:00 PM			
				EPA SW846 3550C, 5035A, ASTM D2974		05/31/2011 11:30
				Standard Methods 18th Ed. 2540 G		05/31/2011 11:30
				SW-846 9012A		06/01/2011 9:20
				SW-846 9012A (Total)		06/01/2011 9:20
11051268-008E	P9-F1-W (15)	05/25/2011 13:40	5/26/2011 12:50:00 PM			
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		06/03/2011 12:34



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

### STANDARD METHODS 18TH ED. 2540 G

Batch R150089		SampType: LCS		Units %						
SampID: LCS-R150089										
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	05/31/2011	

Batch R150089		SampType: LCSQC		Units %						
SampID: LCSQC-R150089										
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	05/31/2011	

Batch R150089		SampType: DUP		Units %		RPD Limit 15				
SampID: 11051268-001BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Solids	0.1		88.8				88.39	0.49	05/31/2011	

### SW-846 9012A (TOTAL)

Batch R150127		SampType: MBLK		Units mg/Kg						
SampID: MB-R150127										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		< 0.01						05/31/2011	

Batch R150127		SampType: LCS		Units mg/Kg						
SampID: LCS-R150127										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		0.03	0.02	0	107.0	85	115	05/31/2011	

Batch R150127		SampType: MS		Units mg/Kg-dry						
SampID: 11051268-001BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.57		1.21	1.41	0	85.8	75	125	06/01/2011	

Batch R150127		SampType: MSD		Units mg/Kg-dry		RPD Limit 15				
SampID: 11051268-001BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide	0.57	SR	1.91	1.41	0	135.1	1.213	44.66	06/01/2011	

Batch R150214		SampType: MBLK		Units mg/Kg						
SampID: MB-R150214										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		< 0.01						06/02/2011	

Batch R150214		SampType: LCS		Units mg/Kg						
SampID: LCS-R150214										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		0.03	0.02	0	109.2	85	115	06/02/2011	



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

### SW-846 9012A (TOTAL)

**Batch** R150214    **SampType:** LCS    **Units** mg/Kg

**SampID:** LCS-R150214

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
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### SW-846 3050B, 6010B, METALS BY ICP

**Batch** 68543    **SampType:** MBLK    **Units** mg/Kg-dry

**SampID:** MB-68543

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	06/01/2011
Barium	0.50		< 0.50	0.50	0	0	-100	100	06/01/2011
Cadmium	0.20		< 0.20	0.20	0	0	-100	100	06/01/2011
Chromium	1.00		< 1.00	1.00	0	0	-100	100	06/01/2011
Lead	4.00		< 4.00	4.00	0	0	-100	100	06/01/2011
Silver	0.55		< 0.55	0.55	0	0	-100	100	06/01/2011

**Batch** 68543    **SampType:** LCS    **Units** mg/Kg-dry

**SampID:** LCS-68543

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.50		195	200	0	97.3	85	115	06/01/2011
Barium	0.50		202	200	0	100.8	85	115	06/01/2011
Cadmium	0.20		4.98	5.00	0	99.6	85	115	06/01/2011
Chromium	1.00		20.5	20.0	0	102.4	85	115	06/01/2011
Lead	4.00		49.4	50.0	0	98.8	85	115	06/01/2011
Silver	0.55		5.05	5.00	0	101.0	85	115	06/01/2011

**Batch** 68543    **SampType:** MS    **Units** mg/Kg-dry

**SampID:** 11051268-003AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.40		185	192	6.067	93.0	75	125	06/01/2011
Barium	0.48		193	192	18.50	90.8	75	125	06/01/2011
Cadmium	0.19		4.26	4.81	0	88.6	75	125	06/01/2011
Chromium	0.96		34.8	19.2	16.93	92.7	75	125	06/01/2011
Lead	3.85		51.4	48.1	10.82	84.3	75	125	06/01/2011
Silver	0.53		4.70	4.81	0	97.8	75	125	06/01/2011

**Batch** 68543    **SampType:** MSD    **Units** mg/Kg-dry

**SampID:** 11051268-003AMSD

**RPD Limit 20**

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic	2.40		183	192	6.067	92.2	184.9	0.78	06/01/2011
Barium	0.48		190	192	18.50	89.2	193.1	1.61	06/01/2011
Cadmium	0.19		4.18	4.81	0	87.0	4.260	1.82	06/01/2011
Chromium	0.96		35.3	19.2	16.93	95.7	34.76	1.62	06/01/2011
Lead	3.85		51.2	48.1	10.82	84.0	51.37	0.28	06/01/2011
Silver	0.53		4.70	4.81	0	97.8	4.702	0.00	06/01/2011

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

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

Batch 68589		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
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	06/02/2011	

Batch 68589		SampType: LCS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	2.90	3.00	0	96.8	80	120	06/02/2011	

Batch 68589		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	2.22	3.00	0	74.1	70	130	06/02/2011	

Batch 68589		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	0.600	2.25	3.00	0	75.1	2.223	1.33	06/02/2011	

### SW-846 7471A

Batch 68529		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	05/31/2011	

Batch 68529		SampType: LCS		Units mg/Kg						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.010		0.250	0.250	0	100.2	85	115	05/31/2011	

Batch 68529		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.011		0.311	0.279	0.007263	108.6	75	125	05/31/2011	

Batch 68529		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		0.312	0.279	0.007263	109.2	0.3106	0.54	05/31/2011	

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

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

Batch 68535		SampType: MBLK		Units %REC						Date Analyzed
SampID: MB-68535										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: Nitrobenzene-d5			0.494	0.835		59.2	42.4	99.2	06/01/2011	

Batch 68535		SampType: LCS		Units %REC						Date Analyzed
SampID: LCS-68535										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: Nitrobenzene-d5			0.642	0.835		76.9	42.4	99.2	06/01/2011	

Batch 68535		SampType: LCS		Units %REC						Date Analyzed
SampID: LCSDRO-68535										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: Nitrobenzene-d5			0.486	0.835		58.2	42.4	99.2	06/01/2011	

Batch 68548		SampType: MBLK		Units %REC						Date Analyzed
SampID: MB-68548										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: Nitrobenzene-d5			0.494	0.835		59.1	42.4	99.2	06/01/2011	

Batch 68548		SampType: LCS		Units %REC						Date Analyzed
SampID: LCS-68548										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: Nitrobenzene-d5			0.611	0.835		73.2	42.4	99.2	06/02/2011	

Batch 68548		SampType: LCSD		Units %REC		RPD Limit 0				Date Analyzed
SampID: LCSD-68548										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Surr: Nitrobenzene-d5			0.580	0.835		69.5			06/02/2011	

Batch 68579		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68579										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.003		ND						06/02/2011	
Acenaphthylene	0.003		ND						06/02/2011	
Anthracene	0.003		ND						06/02/2011	
Benzo(a)anthracene	0.003		ND						06/02/2011	
Benzo(a)pyrene	0.003		ND						06/02/2011	
Benzo(b)fluoranthene	0.003		ND						06/02/2011	
Benzo(g,h,i)perylene	0.003		ND						06/02/2011	
Benzo(k)fluoranthene	0.003		ND						06/02/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						06/02/2011	
Chrysene	0.003		ND						06/02/2011	
Dibenzo(a,h)anthracene	0.003		ND						06/02/2011	
Fluoranthene	0.003		ND						06/02/2011	
Fluorene	0.003		ND						06/02/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						06/02/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

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

Batch 68579		SampType: MBLK		Units mg/Kg					
SampID: MB-68579									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Naphthalene	0.003		ND						06/02/2011
Phenanthrene	0.003		ND						06/02/2011
Pyrene	0.003		ND						06/02/2011
Surr: 2-Fluorobiphenyl			0.117	0.167		69.9	45.7	89.2	06/02/2011
Surr: Nitrobenzene-d5			0.108	0.167		64.6	31.4	100	06/02/2011
Surr: p-Terphenyl-d14			0.154	0.167		92.0	53.3	124	06/02/2011

Batch 68579		SampType: LCS		Units mg/Kg					
SampID: LCS-68579									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.003		0.098	0.167	0	58.4	56.3	115	06/02/2011
Acenaphthylene	0.003		0.102	0.167	0	61.3	60.3	143	06/02/2011
Anthracene	0.003		0.099	0.167	0	59.1	52.1	109	06/02/2011
Benzo(a)anthracene	0.003		0.098	0.167	0	58.7	52.8	112	06/02/2011
Benzo(a)pyrene	0.003		0.099	0.167	0	59.5	40.8	127	06/02/2011
Benzo(b)fluoranthene	0.003		0.115	0.167	0	68.9	50.1	150	06/02/2011
Benzo(g,h,i)perylene	0.003		0.116	0.167	0	69.4	52.8	145	06/02/2011
Benzo(k)fluoranthene	0.003		0.112	0.167	0	67.2	52	153	06/02/2011
Bis(2-ethylhexyl)phthalate	0.067		0.123	0.167	0	73.6	50	150	06/02/2011
Chrysene	0.003		0.107	0.167	0	64.2	60.8	128	06/02/2011
Dibenzo(a,h)anthracene	0.003		0.118	0.167	0	70.7	54.9	150	06/02/2011
Fluoranthene	0.003		0.111	0.167	0	66.3	58.7	125	06/02/2011
Fluorene	0.003		0.102	0.167	0	61.0	57.8	125	06/02/2011
Indeno(1,2,3-cd)pyrene	0.003		0.118	0.167	0	70.4	52	147	06/02/2011
Naphthalene	0.003		0.095	0.167	0	57.1	54.8	113	06/02/2011
Phenanthrene	0.003		0.103	0.167	0	61.9	60.4	121	06/02/2011
Pyrene	0.003		0.110	0.167	0	65.8	57.9	129	06/02/2011
Surr: 2-Fluorobiphenyl			0.091	0.167		54.3	45.7	89.2	06/02/2011
Surr: Nitrobenzene-d5			0.085	0.167		50.9	31.4	100	06/02/2011
Surr: p-Terphenyl-d14			0.146	0.167		87.4	53.3	124	06/02/2011

Batch 68579		SampType: MS		Units mg/Kg-dry					
SampID: 11051268-007AMS									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.004	S	0.279	0.207	0.3713	-44.5	36	135	06/03/2011
Acenaphthylene	0.004		0.166	0.207	0	80.3	17.2	167	06/03/2011
Anthracene	0.004	S	0.280	0.207	0.2244	27.0	39.3	124	06/03/2011
Benzo(a)anthracene	0.004		0.186	0.207	0.06797	57.1	10	183	06/03/2011
Benzo(a)pyrene	0.004		0.191	0.207	0.04459	70.8	10	204	06/03/2011
Benzo(b)fluoranthene	0.004		0.190	0.207	0.03384	75.6	10.6	178	06/03/2011
Benzo(g,h,i)perylene	0.004		0.162	0.207	0.01882	69.1	10	168	06/03/2011
Benzo(k)fluoranthene	0.004		0.164	0.207	0.01142	73.7	27.6	181	06/03/2011
Bis(2-ethylhexyl)phthalate	0.083		0.158	0.207	0	76.2	50	150	06/03/2011
Chrysene	0.004		0.210	0.207	0.06702	69.1	10	176	06/03/2011
Dibenzo(a,h)anthracene	0.004		0.162	0.207	0	78.1	12.2	156	06/03/2011
Fluoranthene	0.004		0.232	0.207	0.1109	58.7	10	227	06/03/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

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

Batch 68579		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11051268-007AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluorene	0.004	S	0.358	0.207	0.4349	-37.1	35.2	148	06/03/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.164	0.207	0.01229	73.2	10	164	06/03/2011	
Naphthalene	0.004		0.145	0.207	0	70.1	14.7	128	06/03/2011	
Phenanthrene	0.004		0.177	0.207	0.04232	64.9	32.8	143	06/03/2011	
Pyrene	0.004		0.387	0.207	0.3494	18.0	10	180	06/03/2011	
Surr: p-Terphenyl-d14			0.179	0.207		86.3	30.6	131	06/03/2011	

Batch 68579		SampType: MSD		Units mg/Kg-dry				RPD Limit 49.7		Date Analyzed
SampID: 11051268-007AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Acenaphthene	0.004	S	0.391	0.207	0.3713	9.3	0.2792	33.23	06/03/2011	
Acenaphthylene	0.004		0.229	0.207	0	110.8	0.1662	31.77	06/03/2011	
Anthracene	0.004	S	0.294	0.207	0.2244	33.9	0.2802	4.93	06/03/2011	
Benzo(a)anthracene	0.004		0.188	0.207	0.06797	57.9	0.1861	0.81	06/03/2011	
Benzo(a)pyrene	0.004		0.189	0.207	0.04459	70.1	0.1911	0.84	06/03/2011	
Benzo(b)fluoranthene	0.004		0.192	0.207	0.03384	76.5	0.1902	0.87	06/03/2011	
Benzo(g,h,i)perylene	0.004		0.161	0.207	0.01882	68.6	0.1618	0.69	06/03/2011	
Benzo(k)fluoranthene	0.004		0.161	0.207	0.01142	72.6	0.1638	1.50	06/03/2011	
Bis(2-ethylhexyl)phthalate	0.083		0.159	0.207	0	76.7	0.1577	0.55	06/03/2011	
Chrysene	0.004		0.210	0.207	0.06702	69.0	0.2100	0.24	06/03/2011	
Dibenzo(a,h)anthracene	0.004		0.162	0.207	0	78.6	0.1616	0.54	06/03/2011	
Fluoranthene	0.004		0.226	0.207	0.1109	55.6	0.2323	2.87	06/03/2011	
Fluorene	0.004	S	0.498	0.207	0.4349	30.3	0.3582	32.59	06/03/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.164	0.207	0.01229	73.7	0.1638	0.43	06/03/2011	
Naphthalene	0.004		0.151	0.207	0	73.3	0.1451	4.27	06/03/2011	
Phenanthrene	0.004		0.185	0.207	0.04232	69.0	0.1767	4.51	06/03/2011	
Pyrene	0.004		0.396	0.207	0.3494	22.5	0.3867	2.35	06/03/2011	
Surr: p-Terphenyl-d14			0.186	0.207		90.0			06/03/2011	

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

Batch 68535		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68535										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,2,4-Trichlorobenzene	0.500		ND						05/31/2011	
1,2-Dichlorobenzene	0.500		ND						05/31/2011	
1,3-Dichlorobenzene	0.500		ND						05/31/2011	
1,4-Dichlorobenzene	0.500		ND						05/31/2011	
2,4,5-Trichlorophenol	0.350		ND						05/31/2011	
2,4,6-Trichlorophenol	0.350		ND						05/31/2011	
2,4-Dichlorophenol	0.500		ND						05/31/2011	
2,4-Dimethylphenol	0.500		ND						05/31/2011	
2,4-Dinitrophenol	1.00		ND						05/31/2011	
2,4-Dinitrotoluene	0.350		ND						05/31/2011	
2,6-Dinitrotoluene	0.350		ND						05/31/2011	
2-Chloronaphthalene	0.350		ND						05/31/2011	
2-Chlorophenol	0.500		ND						05/31/2011	



Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

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

Batch 68535	SampType: MBLK	Units mg/Kg											
SampID: MB-68535				Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
				2-Methoxy-4-methylphenol	0.650		ND						05/31/2011
				2-Methylnaphthalene	0.350		ND						05/31/2011
				2-Nitroaniline	1.00		ND						05/31/2011
				2-Nitrophenol	0.350		ND						05/31/2011
				3,3'-Dichlorobenzidine	0.350		ND						05/31/2011
				3-Nitroaniline	1.00		ND						05/31/2011
				4,6-Dinitro-2-methylphenol	1.00		ND						05/31/2011
				4-Bromophenyl phenyl ether	0.350		ND						05/31/2011
				4-Chloro-3-methylphenol	0.500		ND						05/31/2011
				4-Chloroaniline	0.500		ND						05/31/2011
				4-Chlorophenyl phenyl ether	0.350		ND						05/31/2011
				4-Nitroaniline	0.500		ND						05/31/2011
				4-Nitrophenol	0.350		ND						05/31/2011
				Aniline	0.500		ND						05/31/2011
				Azobenzene	0.350		ND						05/31/2011
				Benzidine	1.06		ND						05/31/2011
				Benzoic acid	1.50		ND						05/31/2011
				Benzyl alcohol	0.500		ND						05/31/2011
				Bis(2-chloroethoxy)methane	0.350		ND						05/31/2011
				Bis(2-chloroethyl)ether	0.500		ND						05/31/2011
				Bis(2-chloroisopropyl)ether	0.350		ND						05/31/2011
				Butyl benzyl phthalate	0.350		ND						05/31/2011
				Carbazole	0.500		ND						05/31/2011
				Dibenzofuran	0.350		ND						05/31/2011
				Diethyl phthalate	0.500		ND						05/31/2011
				Dimethyl phthalate	0.350		ND						05/31/2011
				Di-n-butyl phthalate	0.350		ND						05/31/2011
				Di-n-octyl phthalate	0.350		ND						05/31/2011
				Hexachlorobenzene	0.350		ND						05/31/2011
				Hexachlorobutadiene	0.500		ND						05/31/2011
				Hexachlorocyclopentadiene	0.350		ND						05/31/2011
				Hexachloroethane	0.500		ND						05/31/2011
				Isophorone	0.350		ND						05/31/2011
				m,p-Cresol	0.500		ND						05/31/2011
				Nitrobenzene	0.500		ND						05/31/2011
				N-Nitrosodimethylamine	0.500		ND						05/31/2011
				N-Nitroso-di-n-propylamine	0.500		ND						05/31/2011
				N-Nitrosodiphenylamine	0.500		ND						05/31/2011
				o-Cresol	0.500		ND						05/31/2011
				Pentachlorophenol	2.00		ND						05/31/2011
				Phenol	0.350		ND						05/31/2011
				Pyridine	0.500		ND						05/31/2011
				1,2-Diphenylhydrazine	0.840		ND						05/31/2011
				Surr: 2,4,6-Tribromophenol			1.46	1.67	87.5		52.1	113	05/31/2011
				Surr: 2-Fluorobiphenyl			0.690	0.835	82.6		46.3	106	05/31/2011
				Surr: 2-Fluorobiphenyl			0.592	0.835	70.9		46.3	106	06/01/2011
				Surr: 2-Fluorophenol			1.35	1.67	81.1		50.6	89	05/31/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

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

**Batch 68535**      **SampType: MBLK**      Units mg/Kg

SampID: MB-68535

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: Nitrobenzene-d5			<b>0.664</b>	0.835		79.5	42.4	99.2	05/31/2011
Surr: Phenol-d5			<b>1.36</b>	1.67		81.7	55.9	98.5	05/31/2011
Surr: p-Terphenyl-d14			<b>0.626</b>	0.835		74.9	45.5	115	06/01/2011
Surr: p-Terphenyl-d14			<b>0.793</b>	0.835		94.9	45.5	115	05/31/2011

**Batch 68535**      **SampType: LCS**      Units mg/Kg

SampID: LCS-68535

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trichlorobenzene	0.500		<b>1.45</b>	1.67	0	86.6	43.9	92.2	05/31/2011
1,4-Dichlorobenzene	0.500		<b>1.36</b>	1.67	0	81.2	43.8	84.1	05/31/2011
2,4,5-Trichlorophenol	0.350		<b>2.98</b>	3.33	0	89.5	38.6	123	05/31/2011
2,4,6-Trichlorophenol	0.350		<b>3.03</b>	3.33	0	91.0	35.9	123	05/31/2011
2,4-Dimethylphenol	0.500		<b>2.64</b>	3.33	0	79.3	38.3	88	05/31/2011
2,4-Dinitrophenol	1.00		<b>3.14</b>	3.33	0	94.3	1.88	162	05/31/2011
2,4-Dinitrotoluene	0.350		<b>1.54</b>	1.67	0	92.4	48.6	102	05/31/2011
2-Chlorophenol	0.500		<b>2.74</b>	3.33	0	82.3	46.6	84	05/31/2011
4-Chloro-3-methylphenol	0.500		<b>3.08</b>	3.33	0	92.3	51.5	94.9	05/31/2011
4-Nitrophenol	0.350		<b>3.09</b>	3.33	0	92.7	53.2	104	05/31/2011
Diethyl phthalate	0.500		<b>2.84</b>	3.33	0	85.3	51.7	106	05/31/2011
Dimethyl phthalate	0.350		<b>2.83</b>	3.33	0	84.9	58.8	104	05/31/2011
Di-n-butyl phthalate	0.350		<b>1.48</b>	1.67	0	88.8	54.3	105	05/31/2011
Hexachlorobenzene	0.350		<b>2.96</b>	3.33	0	88.9	55.9	106	05/31/2011
Hexachlorobutadiene	0.500		<b>2.84</b>	3.33	0	85.1	35.7	100	05/31/2011
Hexachloroethane	0.500		<b>2.60</b>	3.33	0	78.1	38.9	89.9	05/31/2011
m,p-Cresol	0.500		<b>1.49</b>	1.67	0	89.2	37.6	93.7	05/31/2011
Nitrobenzene	0.500		<b>2.66</b>	3.33	0	79.9	51.8	104	05/31/2011
N-Nitroso-di-n-propylamine	0.500		<b>1.44</b>	1.67	0	86.4	49.1	94.5	05/31/2011
o-Cresol	0.500		<b>1.50</b>	1.67	0	89.7	43	101	05/31/2011
Pentachlorophenol	2.00		<b>2.99</b>	3.33	0	89.7	42.2	102	05/31/2011
Phenol	0.350	S	<b>2.78</b>	3.33	0	83.5	41.6	81.3	05/31/2011
Pyridine	0.500		<b>2.08</b>	3.33	0	62.4	3.61	74.3	05/31/2011
Surr: 2,4,6-Tribromophenol			<b>1.48</b>	1.67		88.9	52.1	113	05/31/2011
Surr: 2-Fluorobiphenyl			<b>0.569</b>	0.835		68.2	46.3	106	06/01/2011
Surr: 2-Fluorobiphenyl			<b>0.648</b>	0.835		77.6	46.3	106	05/31/2011
Surr: 2-Fluorophenol			<b>1.29</b>	1.67		77.4	50.6	89	05/31/2011
Surr: Nitrobenzene-d5			<b>0.606</b>	0.835		72.5	42.4	99.2	05/31/2011
Surr: Phenol-d5			<b>1.33</b>	1.67		79.8	55.9	98.5	05/31/2011
Surr: p-Terphenyl-d14			<b>0.716</b>	0.835		85.8	45.5	115	05/31/2011
Surr: p-Terphenyl-d14			<b>0.576</b>	0.835		69.0	45.5	115	06/01/2011

**Batch 68535**      **SampType: LCS**      Units %REC

SampID: LCSDRO-68535

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: 2-Fluorobiphenyl			<b>0.585</b>	0.835		70.0	46.3	106	06/01/2011
Surr: p-Terphenyl-d14			<b>0.625</b>	0.835		74.9	45.5	115	06/01/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

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

Batch 68548

SampType: MBLK

Units mg/Kg

SampID: MB-68548

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trichlorobenzene	0.500		ND						06/01/2011
1,2-Dichlorobenzene	0.500		ND						06/01/2011
1,3-Dichlorobenzene	0.500		ND						06/01/2011
1,4-Dichlorobenzene	0.500		ND						06/01/2011
2,4,5-Trichlorophenol	0.350		ND						06/01/2011
2,4,6-Trichlorophenol	0.350		ND						06/01/2011
2,4-Dichlorophenol	0.500		ND						06/01/2011
2,4-Dimethylphenol	0.500		ND						06/01/2011
2,4-Dinitrophenol	1.00		ND						06/01/2011
2,4-Dinitrotoluene	0.350		ND						06/01/2011
2,6-Dinitrotoluene	0.350		ND						06/01/2011
2-Chloronaphthalene	0.350		ND						06/01/2011
2-Chlorophenol	0.500		ND						06/01/2011
2-Methoxy-4-methylphenol	0.650		ND						06/01/2011
2-Methylnaphthalene	0.350		ND						06/01/2011
2-Nitroaniline	1.00		ND						06/01/2011
2-Nitrophenol	0.350		ND						06/01/2011
3,3'-Dichlorobenzidine	0.350		ND						06/01/2011
3-Nitroaniline	1.00		ND						06/01/2011
4,6-Dinitro-2-methylphenol	1.00		ND						06/01/2011
4-Bromophenyl phenyl ether	0.350		ND						06/01/2011
4-Chloro-3-methylphenol	0.500		ND						06/01/2011
4-Chloroaniline	0.500		ND						06/01/2011
4-Chlorophenyl phenyl ether	0.350		ND						06/01/2011
4-Nitroaniline	0.500		ND						06/01/2011
4-Nitrophenol	0.350		ND						06/01/2011
Aniline	0.500		ND						06/01/2011
Azobenzene	0.350		ND						06/01/2011
Benzidine	1.06		ND						06/01/2011
Benzoic acid	1.50		ND						06/01/2011
Benzyl alcohol	0.500		ND						06/01/2011
Bis(2-chloroethoxy)methane	0.350		ND						06/01/2011
Bis(2-chloroethyl)ether	0.500		ND						06/01/2011
Bis(2-chloroisopropyl)ether	0.350		ND						06/01/2011
Butyl benzyl phthalate	0.350		ND						06/01/2011
Carbazole	0.500		ND						06/01/2011
Dibenzofuran	0.350		ND						06/01/2011
Diethyl phthalate	0.500		ND						06/01/2011
Dimethyl phthalate	0.350		ND						06/01/2011
Di-n-butyl phthalate	0.350		ND						06/01/2011
Di-n-octyl phthalate	0.350		ND						06/01/2011
Hexachlorobenzene	0.350		ND						06/01/2011
Hexachlorobutadiene	0.500		ND						06/01/2011
Hexachlorocyclopentadiene	0.350		ND						06/01/2011
Hexachloroethane	0.500		ND						06/01/2011
Isophorone	0.350		ND						06/01/2011
m,p-Cresol	0.500		ND						06/01/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

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

Batch 68548		SampType: MBLK		Units mg/Kg						
SampID: MB-68548										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrobenzene	0.500		ND						06/01/2011	
N-Nitrosodimethylamine	0.500		ND						06/01/2011	
N-Nitroso-di-n-propylamine	0.500		ND						06/01/2011	
N-Nitrosodiphenylamine	0.500		ND						06/01/2011	
o-Cresol	0.500		ND						06/01/2011	
Pentachlorophenol	2.00		ND						06/01/2011	
Phenol	0.350		ND						06/01/2011	
Pyridine	0.500		ND						06/01/2011	
1,2-Diphenylhydrazine	0.840		ND						06/01/2011	
Surr: 2,4,6-Tribromophenol			1.47	1.67		88.2	52.1	113	06/01/2011	
Surr: 2-Fluorobiphenyl			0.659	0.835		78.9	46.3	106	06/01/2011	
Surr: 2-Fluorobiphenyl			0.562	0.835		67.4	46.3	106	06/01/2011	
Surr: 2-Fluorophenol			1.29	1.67		77.1	50.6	89	06/01/2011	
Surr: Nitrobenzene-d5			0.663	0.835		79.4	42.4	99.2	06/01/2011	
Surr: Phenol-d5			1.33	1.67		79.7	55.9	98.5	06/01/2011	
Surr: p-Terphenyl-d14			0.628	0.835		75.2	45.5	115	06/01/2011	
Surr: p-Terphenyl-d14			0.766	0.835		91.8	45.5	115	06/01/2011	

Batch 68548		SampType: LCS		Units mg/Kg						
SampID: LCS-68548										
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	06/01/2011	
1,4-Dichlorobenzene	0.500		1.21	1.67	0	72.3	43.8	84.1	06/01/2011	
2,4,5-Trichlorophenol	0.350		2.66	3.33	0	79.9	38.6	123	06/01/2011	
2,4,6-Trichlorophenol	0.350		2.72	3.33	0	81.7	35.9	123	06/01/2011	
2,4-Dimethylphenol	0.500		2.45	3.33	0	73.7	38.3	88	06/01/2011	
2,4-Dinitrophenol	1.00		2.86	3.33	0	85.9	1.88	162	06/01/2011	
2,4-Dinitrotoluene	0.350		1.39	1.67	0	83.1	48.6	102	06/01/2011	
2-Chlorophenol	0.500		2.43	3.33	0	73.0	46.6	84	06/01/2011	
4-Chloro-3-methylphenol	0.500		2.76	3.33	0	82.8	51.5	94.9	06/01/2011	
4-Nitrophenol	0.350		2.88	3.33	0	86.6	53.2	104	06/01/2011	
Diethyl phthalate	0.500		2.59	3.33	0	77.8	51.7	106	06/01/2011	
Dimethyl phthalate	0.350		2.64	3.33	0	79.2	58.8	104	06/01/2011	
Di-n-butyl phthalate	0.350		1.40	1.67	0	83.7	54.3	105	06/01/2011	
Hexachlorobenzene	0.350		2.79	3.33	0	83.8	55.9	106	06/01/2011	
Hexachlorobutadiene	0.500		2.62	3.33	0	78.8	35.7	100	06/01/2011	
Hexachloroethane	0.500		2.38	3.33	0	71.4	38.9	89.9	06/01/2011	
m,p-Cresol	0.500		1.33	1.67	0	79.5	37.6	93.7	06/01/2011	
Nitrobenzene	0.500		2.40	3.33	0	72.0	51.8	104	06/01/2011	
N-Nitroso-di-n-propylamine	0.500		1.33	1.67	0	79.8	49.1	94.5	06/01/2011	
o-Cresol	0.500		1.32	1.67	0	79.0	43	101	06/01/2011	
Pentachlorophenol	2.00		2.65	3.33	0	79.7	42.2	102	06/01/2011	
Phenol	0.350		2.44	3.33	0	73.3	41.6	81.3	06/01/2011	
Pyridine	0.500		1.79	3.33	0	53.7	3.61	74.3	06/01/2011	
Surr: 2,4,6-Tribromophenol			1.53	1.67		91.6	52.1	113	06/01/2011	
Surr: 2-Fluorobiphenyl			0.606	0.835		72.6	46.3	106	06/01/2011	
Surr: 2-Fluorobiphenyl			0.562	0.835		67.3	46.3	106	06/02/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

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

Batch 68548		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-68548										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorophenol			1.19	1.67		71.3	50.6	89	06/01/2011	
Surr: Nitrobenzene-d5			0.568	0.835		68.1	42.4	99.2	06/01/2011	
Surr: Phenol-d5			1.24	1.67		74.5	55.9	98.5	06/01/2011	
Surr: p-Terphenyl-d14			0.619	0.835		74.1	45.5	115	06/02/2011	
Surr: p-Terphenyl-d14			0.735	0.835		88.0	45.5	115	06/01/2011	

Batch 68548		SampType: LCSD		Units %REC				RPD Limit 0		Date Analyzed
SampID: LCSD-68548										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.517	0.835		62.0			06/02/2011	
Surr: p-Terphenyl-d14			0.589	0.835		70.6			06/02/2011	

Batch 68548		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11051268-008AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.575		1.43	1.92	0	74.7	35.9	102	06/01/2011	
1,4-Dichlorobenzene	0.575		1.30	1.92	0	67.7	29.8	95.5	06/01/2011	
2,4,5-Trichlorophenol	0.402		3.00	3.83	0	78.5	38.6	123	06/01/2011	
2,4,6-Trichlorophenol	0.402		3.11	3.83	0	81.2	35.9	123	06/01/2011	
2,4-Dimethylphenol	0.575		2.93	3.83	0	76.6	38.3	88	06/01/2011	
2,4-Dinitrophenol	1.15		2.74	3.83	0	71.7	1.88	162	06/01/2011	
2,4-Dinitrotoluene	0.402		1.61	1.92	0	84.0	37.5	107	06/01/2011	
2-Chlorophenol	0.575		2.75	3.83	0	72.0	22.6	108	06/01/2011	
4-Chloro-3-methylphenol	0.575		3.12	3.83	0	81.4	19.3	131	06/01/2011	
4-Nitrophenol	0.402		3.38	3.83	0	88.3	27.6	123	06/01/2011	
Diethyl phthalate	0.575		2.93	3.83	0	76.4	51.7	106	06/01/2011	
Dimethyl phthalate	0.402		2.97	3.83	0	77.6	58.8	104	06/01/2011	
Di-n-butyl phthalate	0.402		1.49	1.92	0	77.9	54.3	105	06/01/2011	
Hexachlorobenzene	0.402		3.14	3.83	0	81.9	55.9	106	06/01/2011	
Hexachlorobutadiene	0.575		2.85	3.83	0	74.6	35.7	100	06/01/2011	
Hexachloroethane	0.575		2.50	3.83	0	65.3	38.9	89.9	06/01/2011	
m,p-Cresol	0.575		1.52	1.92	0	79.3	37.6	93.7	06/01/2011	
Nitrobenzene	0.575		2.68	3.83	0	70.0	51.8	104	06/01/2011	
N-Nitroso-di-n-propylamine	0.575		1.44	1.92	0	74.9	45.5	99.1	06/01/2011	
o-Cresol	0.575		1.51	1.92	0	78.7	43	101	06/01/2011	
Pentachlorophenol	2.30		2.91	3.83	0	75.9	18.5	113	06/01/2011	
Phenol	0.402		2.79	3.83	0	73.0	20.8	110	06/01/2011	
Pyridine	0.575		2.22	3.83	0	57.9	3.61	74.3	06/01/2011	
Surr: 2,4,6-Tribromophenol			1.63	1.92		84.9	32.7	130	06/01/2011	
Surr: 2-Fluorobiphenyl			0.592	0.960		61.7	34.1	116	06/01/2011	
Surr: 2-Fluorophenol			1.29	1.92		67.4	30.5	99	06/01/2011	
Surr: Nitrobenzene-d5			0.587	0.960		61.2	34.1	101	06/01/2011	
Surr: Phenol-d5			1.37	1.92		71.6	34.9	110	06/01/2011	
Surr: p-Terphenyl-d14			0.773	0.960		80.6	41.7	124	06/01/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

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

Batch 68548		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11051268-008AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,2,4-Trichlorobenzene	0.576		1.45	1.92	0	75.2	1.434	0.86	06/01/2011	
1,4-Dichlorobenzene	0.576		1.29	1.92	0	67.1	1.299	0.64	06/01/2011	
2,4,5-Trichlorophenol	0.403		2.94	3.83	0	76.8	3.003	2.05	06/01/2011	
2,4,6-Trichlorophenol	0.403		3.05	3.83	0	79.7	3.108	1.72	06/01/2011	
2,4-Dimethylphenol	0.576		2.81	3.83	0	73.3	2.929	4.17	06/01/2011	
2,4-Dinitrophenol	1.15		2.73	3.83	0	71.1	2.743	0.59	06/01/2011	
2,4-Dinitrotoluene	0.403		1.62	1.92	0	84.1	1.611	0.38	06/01/2011	
2-Chlorophenol	0.576		2.60	3.83	0	67.7	2.755	5.92	06/01/2011	
4-Chloro-3-methylphenol	0.576		3.06	3.83	0	79.9	3.116	1.69	06/01/2011	
4-Nitrophenol	0.403		3.37	3.83	0	87.8	3.378	0.38	06/01/2011	
Diethyl phthalate	0.576		2.93	3.83	0	76.5	2.925	0.30	06/01/2011	
Dimethyl phthalate	0.403		2.98	3.83	0	77.8	2.969	0.43	06/01/2011	
Di-n-butyl phthalate	0.403		1.53	1.92	0	79.8	1.495	2.56	06/01/2011	
Hexachlorobenzene	0.403		3.15	3.83	0	82.2	3.136	0.53	06/01/2011	
Hexachlorobutadiene	0.576		2.88	3.83	0	75.2	2.854	0.95	06/01/2011	
Hexachloroethane	0.576		2.49	3.83	0	65.0	2.499	0.29	06/01/2011	
m,p-Cresol	0.576		1.47	1.92	0	76.6	1.522	3.28	06/01/2011	
Nitrobenzene	0.576		2.66	3.83	0	69.3	2.680	0.88	06/01/2011	
N-Nitroso-di-n-propylamine	0.576		1.43	1.92	0	74.3	1.438	0.67	06/01/2011	
o-Cresol	0.576		1.46	1.92	0	75.7	1.511	3.76	06/01/2011	
Pentachlorophenol	2.30		2.97	3.83	0	77.4	2.906	2.03	06/01/2011	
Phenol	0.403		2.73	3.83	0	71.3	2.793	2.20	06/01/2011	
Pyridine	0.576		2.20	3.83	0	57.4	2.217	0.74	06/01/2011	
Surr: 2,4,6-Tribromophenol			1.62	1.92		84.3			06/01/2011	
Surr: 2-Fluorobiphenyl			0.553	0.961		57.6			06/01/2011	
Surr: 2-Fluorophenol			1.25	1.92		65.2			06/01/2011	
Surr: Nitrobenzene-d5			0.589	0.961		61.3			06/01/2011	
Surr: Phenol-d5			1.33	1.92		69.1			06/01/2011	
Surr: p-Terphenyl-d14			0.772	0.961		80.3			06/01/2011	

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

Batch 68649		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-G110601-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		ND						06/01/2011	
1,1,1-Trichloroethane	5.00		ND						06/01/2011	
1,1,2,2-Tetrachloroethane	5.00		ND						06/01/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		ND						06/01/2011	
1,1,2-Trichloroethane	5.00		ND						06/01/2011	
1,1-Dichloro-2-propanone	50.0		ND						06/01/2011	
1,1-Dichloroethane	5.00		ND						06/01/2011	
1,1-Dichloroethene	5.00		ND						06/01/2011	
1,1-Dichloropropene	5.00		ND						06/01/2011	
1,2,3-Trichlorobenzene	5.00		ND						06/01/2011	
1,2,3-Trichloropropane	10.0		ND						06/01/2011	
1,2,3-Trimethylbenzene	5.00		ND						06/01/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

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

Batch 68649		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-G110601-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,2,4-Trichlorobenzene	5.00		ND						06/01/2011	
1,2,4-Trimethylbenzene	5.00		ND						06/01/2011	
1,2-Dibromo-3-chloropropane	5.00		ND						06/01/2011	
1,2-Dibromoethane	5.00		ND						06/01/2011	
1,2-Dichlorobenzene	5.00		ND						06/01/2011	
1,2-Dichloroethane	5.00		ND						06/01/2011	
1,2-Dichloropropane	5.00		ND						06/01/2011	
1,3,5-Trimethylbenzene	5.00		ND						06/01/2011	
1,3-Dichlorobenzene	5.00		ND						06/01/2011	
1,3-Dichloropropane	5.00		ND						06/01/2011	
1,4-Dichlorobenzene	5.00		ND						06/01/2011	
1-Chlorobutane	5.00		ND						06/01/2011	
2,2-Dichloropropane	5.00		ND						06/01/2011	
2-Butanone	50.0		ND						06/01/2011	
2-Chlorotoluene	5.00		ND						06/01/2011	
2-Hexanone	50.0		ND						06/01/2011	
2-Nitropropane	50.0		ND						06/01/2011	
4-Chlorotoluene	5.00		ND						06/01/2011	
4-Methyl-2-pentanone	50.0		ND						06/01/2011	
Acetone	50.0		ND						06/01/2011	
Acrolein	100		ND						06/01/2011	
Acrylonitrile	10.0		ND						06/01/2011	
Allyl chloride	5.00		ND						06/01/2011	
Benzene	1.00		ND						06/01/2011	
Bromobenzene	5.00		ND						06/01/2011	
Bromochloromethane	5.00		ND						06/01/2011	
Bromodichloromethane	5.00		ND						06/01/2011	
Bromoform	5.00		ND						06/01/2011	
Bromomethane	10.0		ND						06/01/2011	
Carbon disulfide	5.00		ND						06/01/2011	
Carbon tetrachloride	5.00		ND						06/01/2011	
Chlorobenzene	5.00		ND						06/01/2011	
Chloroethane	10.0		ND						06/01/2011	
Chloroform	5.00		ND						06/01/2011	
Chloromethane	10.0		ND						06/01/2011	
cis-1,2-Dichloroethene	5.00		ND						06/01/2011	
cis-1,3-Dichloropropene	4.00		ND						06/01/2011	
Cyclohexanone	100		ND						06/01/2011	
Dibromochloromethane	5.00		ND						06/01/2011	
Dibromomethane	5.00		ND						06/01/2011	
Dichlorodifluoromethane	10.0		ND						06/01/2011	
Ethyl acetate	50.0		ND						06/01/2011	
Ethyl ether	5.00		ND						06/01/2011	
Ethyl methacrylate	5.00		ND						06/01/2011	
Ethylbenzene	5.00		ND						06/01/2011	
Heptane	20.0		ND						06/01/2011	
Hexachlorobutadiene	5.00		ND						06/01/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

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

Batch 68649		SampType: MBLK		Units µg/Kg						
SampID: MBLK-G110601-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Hexachloroethane	5.00		ND						06/01/2011	
Iodomethane	10.0		ND						06/01/2011	
Isopropylbenzene	5.00		ND						06/01/2011	
m,p-Xylenes	5.00		ND						06/01/2011	
Methacrylonitrile	50.0		ND						06/01/2011	
Methyl Methacrylate	5.00		ND						06/01/2011	
Methyl tert-butyl ether	2.00		ND						06/01/2011	
Methylacrylate	10.0		ND						06/01/2011	
Methylene chloride	5.00	J	1.1						06/01/2011	
Naphthalene	10.0		ND						06/01/2011	
n-Butylbenzene	5.00		ND						06/01/2011	
n-Hexane	20.0		ND						06/01/2011	
Nitrobenzene	100		ND						06/01/2011	
n-Propylbenzene	5.00		ND						06/01/2011	
o-Xylene	5.00		ND						06/01/2011	
Pentachloroethane	5.00		ND						06/01/2011	
p-Isopropyltoluene	5.00		ND						06/01/2011	
Propionitrile	50.0		ND						06/01/2011	
sec-Butylbenzene	5.00		ND						06/01/2011	
Styrene	5.00		ND						06/01/2011	
tert-Butylbenzene	5.00		ND						06/01/2011	
Tetrachloroethene	5.00		ND						06/01/2011	
Tetrahydrofuran	50.0		ND						06/01/2011	
Toluene	5.00		ND						06/01/2011	
trans-1,2-Dichloroethene	5.00		ND						06/01/2011	
trans-1,3-Dichloropropene	4.00		ND						06/01/2011	
Trichloroethene	5.00		ND						06/01/2011	
Trichlorofluoromethane	5.00		ND						06/01/2011	
Vinyl acetate	50.0		ND						06/01/2011	
Vinyl chloride	2.00		ND						06/01/2011	
Surr: 1,2-Dichloroethane-d4			52.3	50.0		104.6	72.2	131	06/01/2011	
Surr: 4-Bromofluorobenzene			55.8	50.0		111.5	82.1	116	06/01/2011	
Surr: Dibromofluoromethane			53.6	50.0		107.2	77.7	120	06/01/2011	
Surr: Toluene-d8			47.7	50.0		95.5	86	116	06/01/2011	

Batch 68649		SampType: LCSD		Units µg/Kg		RPD Limit 40				
SampID: LCSD-G110601-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		49.8	50.0	0	99.7	49.01	1.68	06/01/2011	
1,1,1-Trichloroethane	5.00		46.7	50.0	0	93.4	46.53	0.39	06/01/2011	
1,1,2,2-Tetrachloroethane	5.00		41.7	50.0	0	83.4	40.68	2.52	06/01/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		35.7	50.0	0	71.4	35.64	0.14	06/01/2011	
1,1,2-Trichloroethane	5.00		44.2	50.0	0	88.4	43.13	2.41	06/01/2011	
1,1-Dichloro-2-propanone	50.0		125	125	0	100.3	118.2	5.88	06/01/2011	
1,1-Dichloroethane	5.00		40.0	50.0	0	79.9	40.12	0.42	06/01/2011	
1,1-Dichloroethene	5.00		34.6	50.0	0	69.2	35.34	2.09	06/01/2011	
1,1-Dichloropropene	5.00		43.2	50.0	0	86.3	42.95	0.46	06/01/2011	



Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

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

Batch 68649	SampType: LCSD	Units µg/Kg					RPD Limit 40			Date Analyzed
SampID: LCSD-G110601-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,2,3-Trichlorobenzene	5.00		54.1	50.0	0	108.2	54.15	0.07	06/01/2011	
1,2,3-Trichloropropane	10.0		47.1	50.0	0	94.2	45.80	2.80	06/01/2011	
1,2,3-Trimethylbenzene	5.00		46.0	50.0	0	92.1	46.22	0.41	06/01/2011	
1,2,4-Trichlorobenzene	5.00		54.5	50.0	0	109.0	55.75	2.23	06/01/2011	
1,2,4-Trimethylbenzene	5.00		46.8	50.0	0	93.5	46.52	0.49	06/01/2011	
1,2-Dibromo-3-chloropropane	5.00		52.4	50.0	0	104.7	49.87	4.87	06/01/2011	
1,2-Dibromoethane	5.00		47.0	50.0	0	93.9	46.11	1.81	06/01/2011	
1,2-Dichlorobenzene	5.00		47.1	50.0	0	94.2	46.87	0.47	06/01/2011	
1,2-Dichloroethane	5.00		46.3	50.0	0	92.6	45.37	2.07	06/01/2011	
1,2-Dichloropropane	5.00		41.8	50.0	0	83.6	41.54	0.62	06/01/2011	
1,3,5-Trimethylbenzene	5.00		44.5	50.0	0	89.0	44.82	0.67	06/01/2011	
1,3-Dichlorobenzene	5.00		47.9	50.0	0	95.8	47.73	0.33	06/01/2011	
1,3-Dichloropropane	5.00		43.3	50.0	0	86.6	42.78	1.23	06/01/2011	
1,4-Dichlorobenzene	5.00		47.0	50.0	0	94.1	48.41	2.89	06/01/2011	
1-Chlorobutane	5.00		38.3	50.0	0	76.7	38.35	0.05	06/01/2011	
2,2-Dichloropropane	5.00		45.4	50.0	0	90.9	45.28	0.35	06/01/2011	
2-Butanone	50.0		99.9	125	0	79.9	96.11	3.84	06/01/2011	
2-Chlorotoluene	5.00		44.0	50.0	0	88.1	44.20	0.39	06/01/2011	
2-Hexanone	50.0		111	125	0	88.8	107.7	3.04	06/01/2011	
2-Nitropropane	50.0		523	500	0	104.6	499.9	4.51	06/01/2011	
4-Chlorotoluene	5.00		44.6	50.0	0	89.1	45.32	1.69	06/01/2011	
4-Methyl-2-pentanone	50.0		115	125	0	91.8	110.2	4.04	06/01/2011	
Acetone	50.0		97.7	125	0	78.2	97.02	0.74	06/01/2011	
Acrylonitrile	10.0		41.4	50.0	0	82.7	38.86	6.26	06/01/2011	
Allyl chloride	5.00		36.2	50.0	0	72.5	36.58	0.96	06/01/2011	
Benzene	1.00		41.5	50.0	0	83.1	40.77	1.87	06/01/2011	
Bromobenzene	5.00		47.5	50.0	0	95.0	47.40	0.25	06/01/2011	
Bromochloromethane	5.00		40.8	50.0	0	81.5	40.35	1.04	06/01/2011	
Bromodichloromethane	5.00		46.9	50.0	0	93.9	46.43	1.07	06/01/2011	
Bromoform	5.00		53.8	50.0	0	107.5	52.38	2.58	06/01/2011	
Bromomethane	10.0		23.8	50.0	0	47.6	24.04	0.96	06/01/2011	
Carbon disulfide	5.00		29.2	50.0	0	58.3	29.10	0.17	06/01/2011	
Carbon tetrachloride	5.00		49.0	50.0	0	98.1	48.28	1.56	06/01/2011	
Chlorobenzene	5.00		46.4	50.0	0	92.8	46.85	0.99	06/01/2011	
Chloroethane	10.0		25.9	50.0	0	51.9	25.48	1.75	06/01/2011	
Chloroform	5.00		44.9	50.0	0	89.9	44.81	0.29	06/01/2011	
Chloromethane	10.0		12.2	50.0	0	24.4	12.38	1.46	06/01/2011	
cis-1,2-Dichloroethene	5.00		43.7	50.0	0	87.4	43.52	0.41	06/01/2011	
cis-1,3-Dichloropropene	4.00		46.6	50.0	0	93.2	46.22	0.80	06/01/2011	
Cyclohexanone	100		218	250	0	87.3	255.0	15.52	06/01/2011	
Dibromochloromethane	5.00		49.6	50.0	0	99.2	48.54	2.18	06/01/2011	
Dibromomethane	5.00		46.0	50.0	0	92.0	45.89	0.24	06/01/2011	
Dichlorodifluoromethane	10.0	J	3.6	50.0	0	7.2	3.470	0.00	06/01/2011	
Ethyl acetate	50.0	J	44	50.0	0	87.8	42.01	0.00	06/01/2011	
Ethyl ether	5.00		37.4	50.0	0	74.8	36.97	1.18	06/01/2011	
Ethyl methacrylate	5.00		46.2	50.0	0	92.4	44.79	3.14	06/01/2011	
Ethylbenzene	5.00		45.6	50.0	0	91.2	46.24	1.42	06/01/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

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

Batch 68649		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-G110601-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Heptane	20.0		38.1	50.0	0	76.2	39.16	2.80	06/01/2011	
Hexachlorobutadiene	5.00		56.8	50.0	0	113.6	55.29	2.68	06/01/2011	
Hexachloroethane	5.00		48.4	50.0	0	96.8	48.10	0.60	06/01/2011	
Iodomethane	10.0		41.0	50.0	0	82.0	40.47	1.35	06/01/2011	
Isopropylbenzene	5.00		47.2	50.0	0	94.4	47.80	1.22	06/01/2011	
m,p-Xylenes	5.00		93.3	100	0	93.3	93.67	0.36	06/01/2011	
Methacrylonitrile	50.0	J	42	50.0	0	83.7	39.33	0.00	06/01/2011	
Methyl Methacrylate	5.00		48.3	50.0	0	96.5	45.72	5.41	06/01/2011	
Methyl tert-butyl ether	2.00		44.7	50.0	0	89.4	42.79	4.32	06/01/2011	
Methylacrylate	10.0		43.5	50.0	0	87.1	41.13	5.67	06/01/2011	
Methylene chloride	5.00		39.0	50.0	0	78.0	39.93	2.41	06/01/2011	
Naphthalene	10.0		50.9	50.0	0	101.8	49.89	2.02	06/01/2011	
n-Butylbenzene	5.00		46.0	50.0	0	92.0	46.70	1.55	06/01/2011	
n-Hexane	20.0		33.3	50.0	0	66.6	33.56	0.78	06/01/2011	
Nitrobenzene	100		552	500	0	110.4	502.8	9.30	06/01/2011	
n-Propylbenzene	5.00		44.1	50.0	0	88.1	44.29	0.52	06/01/2011	
o-Xylene	5.00		46.2	50.0	0	92.3	46.07	0.22	06/01/2011	
Pentachloroethane	5.00		49.7	50.0	0	99.3	49.35	0.63	06/01/2011	
p-Isopropyltoluene	5.00		46.8	50.0	0	93.7	46.57	0.58	06/01/2011	
Propionitrile	50.0		446	500	0	89.2	435.2	2.44	06/01/2011	
sec-Butylbenzene	5.00		45.3	50.0	0	90.6	45.73	0.92	06/01/2011	
Styrene	5.00		48.3	50.0	0	96.5	48.49	0.45	06/01/2011	
tert-Butylbenzene	5.00		45.4	50.0	0	90.8	44.65	1.67	06/01/2011	
Tetrachloroethene	5.00		47.4	50.0	0	94.8	47.45	0.08	06/01/2011	
Tetrahydrofuran	50.0	J	46	50.0	0	91.8	42.99	0.00	06/01/2011	
Toluene	5.00		41.4	50.0	0	82.8	41.72	0.75	06/01/2011	
trans-1,2-Dichloroethene	5.00		38.8	50.0	0	77.7	38.45	0.98	06/01/2011	
trans-1,3-Dichloropropene	4.00		46.3	50.0	0	92.6	45.50	1.79	06/01/2011	
Trichloroethene	5.00		48.1	50.0	0	96.2	47.70	0.81	06/01/2011	
Trichlorofluoromethane	5.00		33.6	50.0	0	67.3	32.87	2.32	06/01/2011	
Vinyl acetate	50.0	J	42	50.0	0	83.0	40.07	0.00	06/01/2011	
Vinyl chloride	2.00		19.6	50.0	0	39.2	19.09	2.53	06/01/2011	
Surr: 1,2-Dichloroethane-d4			51.9	50.0		103.9			06/01/2011	
Surr: 4-Bromofluorobenzene			54.0	50.0		108.0			06/01/2011	
Surr: Dibromofluoromethane			52.5	50.0		105.0			06/01/2011	
Surr: Toluene-d8			47.6	50.0		95.2			06/01/2011	

Batch 68649		SampType: LCS		Units µg/Kg						Date Analyzed
SampID: LCS-G110601-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.00		49.0	50.0	0	98.0	0	200	06/01/2011	
1,1,1-Trichloroethane	5.00		46.5	50.0	0	93.1	85.8	124	06/01/2011	
1,1,2,2-Tetrachloroethane	5.00		40.7	50.0	0	81.4	0	200	06/01/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		35.6	50.0	0	71.3	0	200	06/01/2011	
1,1,2-Trichloroethane	5.00		43.1	50.0	0	86.3	0	200	06/01/2011	
1,1-Dichloro-2-propanone	50.0		118	125	0	94.6	0	200	06/01/2011	
1,1-Dichloroethane	5.00		40.1	50.0	0	80.2	0	200	06/01/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

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

Batch 68649		SampType: LCS		Units µg/Kg							Date Analyzed
SampID: LCS-G110601-1											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
1,1-Dichloroethene	5.00		35.3	50.0	0	70.7	60.1	131	06/01/2011		
1,1-Dichloropropene	5.00		43.0	50.0	0	85.9	0	200	06/01/2011		
1,2,3-Trichlorobenzene	5.00		54.2	50.0	0	108.3	0	200	06/01/2011		
1,2,3-Trichloropropane	10.0		45.8	50.0	0	91.6	0	200	06/01/2011		
1,2,3-Trimethylbenzene	5.00		46.2	50.0	0	92.4	0	200	06/01/2011		
1,2,4-Trichlorobenzene	5.00		55.8	50.0	0	111.5	0	200	06/01/2011		
1,2,4-Trimethylbenzene	5.00		46.5	50.0	0	93.0	0	200	06/01/2011		
1,2-Dibromo-3-chloropropane	5.00		49.9	50.0	0	99.7	0	200	06/01/2011		
1,2-Dibromoethane	5.00		46.1	50.0	0	92.2	86.9	119	06/01/2011		
1,2-Dichlorobenzene	5.00		46.9	50.0	0	93.7	88	119	06/01/2011		
1,2-Dichloroethane	5.00		45.4	50.0	0	90.7	73	117	06/01/2011		
1,2-Dichloropropane	5.00		41.5	50.0	0	83.1	0	200	06/01/2011		
1,3,5-Trimethylbenzene	5.00		44.8	50.0	0	89.6	0	200	06/01/2011		
1,3-Dichlorobenzene	5.00		47.7	50.0	0	95.5	85.8	125	06/01/2011		
1,3-Dichloropropane	5.00		42.8	50.0	0	85.6	0	200	06/01/2011		
1,4-Dichlorobenzene	5.00		48.4	50.0	0	96.8	84.5	124	06/01/2011		
1-Chlorobutane	5.00		38.4	50.0	0	76.7	0	200	06/01/2011		
2,2-Dichloropropane	5.00		45.3	50.0	0	90.6	0	200	06/01/2011		
2-Butanone	50.0		96.1	125	0	76.9	45.3	136	06/01/2011		
2-Chlorotoluene	5.00		44.2	50.0	0	88.4	0	200	06/01/2011		
2-Hexanone	50.0		108	125	0	86.2	0	200	06/01/2011		
2-Nitropropane	50.0		500	500	0	100	0	200	06/01/2011		
4-Chlorotoluene	5.00		45.3	50.0	0	90.6	0	200	06/01/2011		
4-Methyl-2-pentanone	50.0		110	125	0	88.1	0	200	06/01/2011		
Acetone	50.0		97.0	125	0	77.6	0	200	06/01/2011		
Acrylonitrile	10.0		38.9	50.0	0	77.7	0	200	06/01/2011		
Allyl chloride	5.00		36.6	50.0	0	73.2	0	200	06/01/2011		
Benzene	1.00		40.8	50.0	0	81.5	73.9	109	06/01/2011		
Bromobenzene	5.00		47.4	50.0	0	94.8	0	200	06/01/2011		
Bromochloromethane	5.00		40.4	50.0	0	80.7	0	200	06/01/2011		
Bromodichloromethane	5.00		46.4	50.0	0	92.9	91.3	126	06/01/2011		
Bromoform	5.00		52.4	50.0	0	104.8	0	200	06/01/2011		
Bromomethane	10.0		24.0	50.0	0	48.1	0	200	06/01/2011		
Carbon disulfide	5.00		29.1	50.0	0	58.2	0	200	06/01/2011		
Carbon tetrachloride	5.00		48.3	50.0	0	96.6	83.3	127	06/01/2011		
Chlorobenzene	5.00		46.8	50.0	0	93.7	85.8	116	06/01/2011		
Chloroethane	10.0		25.5	50.0	0	51.0	0	200	06/01/2011		
Chloroform	5.00		44.8	50.0	0	89.6	80	113	06/01/2011		
Chloromethane	10.0		12.4	50.0	0	24.8	0	200	06/01/2011		
cis-1,2-Dichloroethene	5.00		43.5	50.0	0	87.0	0	200	06/01/2011		
cis-1,3-Dichloropropene	4.00		46.2	50.0	0	92.4	0	200	06/01/2011		
Cyclohexanone	100		255	250	0	102.0	0	200	06/01/2011		
Dibromochloromethane	5.00		48.5	50.0	0	97.1	89.1	119	06/01/2011		
Dibromomethane	5.00		45.9	50.0	0	91.8	0	200	06/01/2011		
Dichlorodifluoromethane	10.0	J	3.5	50.0	0	6.9	0	200	06/01/2011		
Ethyl acetate	50.0	J	42	50.0	0	84.0	0	200	06/01/2011		
Ethyl ether	5.00		37.0	50.0	0	73.9	0	200	06/01/2011		

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

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

Batch	SampType:	Units								Date		
68649	LCS	µg/Kg	Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
SampID: LCS-G110601-1												
Ethyl methacrylate	5.00		44.8	50.0	0	89.6	0	200	06/01/2011			
Ethylbenzene	5.00		46.2	50.0	0	92.5	84.1	115	06/01/2011			
Heptane	20.0		39.2	50.0	0	78.3	0	200	06/01/2011			
Hexachlorobutadiene	5.00		55.3	50.0	0	110.6	0	200	06/01/2011			
Hexachloroethane	5.00		48.1	50.0	0	96.2	0	200	06/01/2011			
Iodomethane	10.0		40.5	50.0	0	80.9	0	200	06/01/2011			
Isopropylbenzene	5.00		47.8	50.0	0	95.6	0	200	06/01/2011			
m,p-Xylenes	5.00		93.7	100	0	93.7	79.1	111	06/01/2011			
Methacrylonitrile	50.0	J	39	50.0	0	78.7	0	200	06/01/2011			
Methyl Methacrylate	5.00		45.7	50.0	0	91.4	0	200	06/01/2011			
Methyl tert-butyl ether	2.00		42.8	50.0	0	85.6	80	128	06/01/2011			
Methylacrylate	10.0		41.1	50.0	0	82.3	0	200	06/01/2011			
Methylene chloride	5.00		39.9	50.0	0	79.9	73.9	116	06/01/2011			
Naphthalene	10.0		49.9	50.0	0	99.8	73.1	135	06/01/2011			
n-Butylbenzene	5.00		46.7	50.0	0	93.4	0	200	06/01/2011			
n-Hexane	20.0		33.6	50.0	0	67.1	0	200	06/01/2011			
Nitrobenzene	100		503	500	0	100.6	0	200	06/01/2011			
n-Propylbenzene	5.00		44.3	50.0	0	88.6	0	200	06/01/2011			
o-Xylene	5.00		46.1	50.0	0	92.1	82	117	06/01/2011			
Pentachloroethane	5.00		49.4	50.0	0	98.7	0	200	06/01/2011			
p-Isopropyltoluene	5.00		46.6	50.0	0	93.1	0	200	06/01/2011			
Propionitrile	50.0		435	500	0	87.0	0	200	06/01/2011			
sec-Butylbenzene	5.00		45.7	50.0	0	91.5	0	200	06/01/2011			
Styrene	5.00		48.5	50.0	0	97.0	0	200	06/01/2011			
tert-Butylbenzene	5.00		44.6	50.0	0	89.3	0	200	06/01/2011			
Tetrachloroethene	5.00		47.4	50.0	0	94.9	74.6	115	06/01/2011			
Tetrahydrofuran	50.0	J	43	50.0	0	86.0	0	200	06/01/2011			
Toluene	5.00		41.7	50.0	0	83.4	79.1	112	06/01/2011			
trans-1,2-Dichloroethene	5.00		38.4	50.0	0	76.9	0	200	06/01/2011			
trans-1,3-Dichloropropene	4.00		45.5	50.0	0	91.0	0	200	06/01/2011			
Trichloroethene	5.00		47.7	50.0	0	95.4	81	111	06/01/2011			
Trichlorofluoromethane	5.00		32.9	50.0	0	65.7	0	200	06/01/2011			
Vinyl acetate	50.0	J	40	50.0	0	80.1	0	200	06/01/2011			
Vinyl chloride	2.00		19.1	50.0	0	38.2	0	200	06/01/2011			
Surr: 1,2-Dichloroethane-d4			51.9	50.0		103.8	72.2	131	06/01/2011			
Surr: 4-Bromofluorobenzene			54.4	50.0		108.7	82.1	116	06/01/2011			
Surr: Dibromofluoromethane			52.9	50.0		105.8	77.7	120	06/01/2011			
Surr: Toluene-d8			47.2	50.0		94.4	86	116	06/01/2011			

Batch	SampType:	Units								RPD Limit		
68649	LCSGD	%REC	Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
SampID: LCSGD-G110601-1												
Surr: 1,2-Dichloroethane-d4			51.4	50.0				102.9				06/01/2011
Surr: 4-Bromofluorobenzene			55.1	50.0				110.1				06/01/2011
Surr: Dibromofluoromethane			51.3	50.0				102.5				06/01/2011
Surr: Toluene-d8			47.4	50.0				94.7				06/01/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

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

Batch 68649		SampType: LCSG		Units %REC					
SampID: LCSG-G110601-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: 1,2-Dichloroethane-d4			51.4	50.0		102.9	61	128	06/01/2011
Surr: 4-Bromofluorobenzene			56.0	50.0		111.9	78.2	117	06/01/2011
Surr: Dibromofluoromethane			51.7	50.0		103.3	66.6	130	06/01/2011
Surr: Toluene-d8			47.8	50.0		95.5	80.1	122	06/01/2011

Batch 68765		SampType: MBLK		Units µg/Kg					
SampID: MBLK-G110603-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1,1,2-Tetrachloroethane	5.0		ND						06/03/2011
1,1,1-Trichloroethane	5.0		ND						06/03/2011
1,1,2,2-Tetrachloroethane	5.0		ND						06/03/2011
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		ND						06/03/2011
1,1,2-Trichloroethane	5.0		ND						06/03/2011
1,1-Dichloro-2-propanone	50.0		ND						06/03/2011
1,1-Dichloroethane	5.0		ND						06/03/2011
1,1-Dichloroethene	5.0		ND						06/03/2011
1,1-Dichloropropene	5.0		ND						06/03/2011
1,2,3-Trichlorobenzene	5.0		ND						06/03/2011
1,2,3-Trichloropropane	10		ND						06/03/2011
1,2,3-Trimethylbenzene	5.0		ND						06/03/2011
1,2,4-Trichlorobenzene	5.0		ND						06/03/2011
1,2,4-Trimethylbenzene	5.0		ND						06/03/2011
1,2-Dibromo-3-chloropropane	5.0		ND						06/03/2011
1,2-Dibromoethane	5.0		ND						06/03/2011
1,2-Dichlorobenzene	5.0		ND						06/03/2011
1,2-Dichloroethane	5.0		ND						06/03/2011
1,2-Dichloropropane	5.0		ND						06/03/2011
1,3,5-Trimethylbenzene	5.0		ND						06/03/2011
1,3-Dichlorobenzene	5.0		ND						06/03/2011
1,3-Dichloropropane	5.0		ND						06/03/2011
1,4-Dichlorobenzene	5.0		ND						06/03/2011
1-Chlorobutane	5.0		ND						06/03/2011
2,2-Dichloropropane	5.0		ND						06/03/2011
2-Butanone	50.0		ND						06/03/2011
2-Chlorotoluene	5.0		ND						06/03/2011
2-Hexanone	50.0		ND						06/03/2011
2-Nitropropane	50.0		ND						06/03/2011
4-Chlorotoluene	5.0		ND						06/03/2011
4-Methyl-2-pentanone	50.0		ND						06/03/2011
Acetone	50.0		ND						06/03/2011
Acrolein	100		ND						06/03/2011
Acrylonitrile	10		ND						06/03/2011
Allyl chloride	5.0		ND						06/03/2011
Benzene	1.0		ND						06/03/2011
Bromobenzene	5.0		ND						06/03/2011
Bromochloromethane	5.0		ND						06/03/2011
Bromodichloromethane	5.0		ND						06/03/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

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

Batch 68765		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-G110603-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Bromoform	5.0		ND						06/03/2011	
Bromomethane	10		ND						06/03/2011	
Carbon disulfide	5.0		ND						06/03/2011	
Carbon tetrachloride	5.0		ND						06/03/2011	
Chlorobenzene	5.0		ND						06/03/2011	
Chloroethane	10		ND						06/03/2011	
Chloroform	5.0		ND						06/03/2011	
Chloromethane	10		ND						06/03/2011	
cis-1,2-Dichloroethene	5.0		ND						06/03/2011	
cis-1,3-Dichloropropene	4.0		ND						06/03/2011	
Cyclohexanone	100		ND						06/03/2011	
Dibromochloromethane	5.0		ND						06/03/2011	
Dibromomethane	5.0		ND						06/03/2011	
Dichlorodifluoromethane	10		ND						06/03/2011	
Ethyl acetate	50.0		ND						06/03/2011	
Ethyl ether	5.0		ND						06/03/2011	
Ethyl methacrylate	5.0		ND						06/03/2011	
Ethylbenzene	5.0		ND						06/03/2011	
Heptane	20.0		ND						06/03/2011	
Hexachlorobutadiene	5.0		ND						06/03/2011	
Hexachloroethane	5.0		ND						06/03/2011	
Iodomethane	10		ND						06/03/2011	
Isopropylbenzene	5.0		ND						06/03/2011	
m,p-Xylenes	5.0		ND						06/03/2011	
Methacrylonitrile	50.0		ND						06/03/2011	
Methyl Methacrylate	5.0		ND						06/03/2011	
Methyl tert-butyl ether	2.0		ND						06/03/2011	
Methylacrylate	10		ND						06/03/2011	
Methylene chloride	5.0	J	2.9						06/03/2011	
Naphthalene	10		ND						06/03/2011	
n-Butylbenzene	5.0		ND						06/03/2011	
n-Hexane	20.0		ND						06/03/2011	
Nitrobenzene	100		ND						06/03/2011	
n-Propylbenzene	5.0		ND						06/03/2011	
o-Xylene	5.0		ND						06/03/2011	
Pentachloroethane	5.0		ND						06/03/2011	
p-Isopropyltoluene	5.0		ND						06/03/2011	
Propionitrile	50.0		ND						06/03/2011	
sec-Butylbenzene	5.0		ND						06/03/2011	
Styrene	5.0		ND						06/03/2011	
tert-Butylbenzene	5.0		ND						06/03/2011	
Tetrachloroethene	5.0		ND						06/03/2011	
Tetrahydrofuran	50.0		ND						06/03/2011	
Toluene	5.0		ND						06/03/2011	
trans-1,2-Dichloroethene	5.0		ND						06/03/2011	
trans-1,3-Dichloropropene	4.0		ND						06/03/2011	
Trichloroethene	5.0		ND						06/03/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

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

Batch 68765		SampType: MBLK		Units µg/Kg						
SampID: MBLK-G110603-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Trichlorofluoromethane	5.0		ND						06/03/2011	
Vinyl acetate	50.0		ND						06/03/2011	
Vinyl chloride	2.0		ND						06/03/2011	
Surr: 1,2-Dichloroethane-d4			57.0	50.0		114.0	72.2	131	06/03/2011	
Surr: 4-Bromofluorobenzene			54.7	50.0		109.4	82.1	116	06/03/2011	
Surr: Dibromofluoromethane			55.4	50.0		110.8	77.7	120	06/03/2011	
Surr: Toluene-d8			47.2	50.0		94.4	86	116	06/03/2011	

Batch 68765		SampType: LCSD		Units µg/Kg		RPD Limit 40				
SampID: LCSD-G110603-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		50.1	50.0	0	100.3	53.36	6.22	06/03/2011	
1,1,1-Trichloroethane	5.0		55.0	50.0	0	110.0	58.14	5.57	06/03/2011	
1,1,2,2-Tetrachloroethane	5.0		39.3	50.0	0	78.6	40.07	1.94	06/03/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		49.8	50.0	0	99.5	52.69	5.70	06/03/2011	
1,1,2-Trichloroethane	5.0		45.1	50.0	0	90.3	45.72	1.30	06/03/2011	
1,1-Dichloro-2-propanone	50.0		122	125	0	97.5	112.8	7.69	06/03/2011	
1,1-Dichloroethane	5.0		44.3	50.0	0	88.6	46.48	4.76	06/03/2011	
1,1-Dichloroethene	5.0		47.4	50.0	0	94.8	50.40	6.11	06/03/2011	
1,1-Dichloropropene	5.0		47.5	50.0	0	94.9	49.79	4.79	06/03/2011	
1,2,3-Trichlorobenzene	5.0		55.6	50.0	0	111.3	57.45	3.20	06/03/2011	
1,2,3-Trichloropropane	10		46.5	50.0	0	93.1	46.85	0.66	06/03/2011	
1,2,3-Trimethylbenzene	5.0		46.7	50.0	0	93.3	49.26	5.40	06/03/2011	
1,2,4-Trichlorobenzene	5.0		56.2	50.0	0	112.3	59.44	5.67	06/03/2011	
1,2,4-Trimethylbenzene	5.0		46.9	50.0	0	93.8	50.06	6.50	06/03/2011	
1,2-Dibromo-3-chloropropane	5.0		47.3	50.0	0	94.7	47.57	0.48	06/03/2011	
1,2-Dibromoethane	5.0		47.8	50.0	0	95.5	48.62	1.78	06/03/2011	
1,2-Dichlorobenzene	5.0		46.4	50.0	0	92.8	48.86	5.12	06/03/2011	
1,2-Dichloroethane	5.0		51.3	50.0	0	102.5	53.87	4.95	06/03/2011	
1,2-Dichloropropane	5.0		41.5	50.0	0	83.0	43.55	4.82	06/03/2011	
1,3,5-Trimethylbenzene	5.0		44.5	50.0	0	89.1	47.50	6.45	06/03/2011	
1,3-Dichlorobenzene	5.0		47.0	50.0	0	94.0	50.44	7.10	06/03/2011	
1,3-Dichloropropane	5.0		43.0	50.0	0	86.0	44.54	3.52	06/03/2011	
1,4-Dichlorobenzene	5.0		46.5	50.0	0	92.9	49.37	6.05	06/03/2011	
1-Chlorobutane	5.0		42.4	50.0	0	84.8	44.79	5.44	06/03/2011	
2,2-Dichloropropane	5.0		52.3	50.0	0	104.7	54.87	4.72	06/03/2011	
2-Butanone	50.0		101	125	0	81.0	99.36	1.86	06/03/2011	
2-Chlorotoluene	5.0		44.4	50.0	0	88.8	47.53	6.76	06/03/2011	
2-Hexanone	50.0		104	125	0	83.3	104.1	0.03	06/03/2011	
2-Nitropropane	50.0		548	500	0	109.7	545.9	0.48	06/03/2011	
4-Chlorotoluene	5.0		44.6	50.0	0	89.3	47.63	6.50	06/03/2011	
4-Methyl-2-pentanone	50.0		106	125	0	84.8	104.6	1.35	06/03/2011	
Acetone	50.0		120	125	0	96.3	110.3	8.76	06/03/2011	
Acrylonitrile	10		37.9	50.0	0	75.7	38.14	0.74	06/03/2011	
Allyl chloride	5.0		45.6	50.0	0	91.2	49.33	7.86	06/03/2011	
Benzene	1.0		42.3	50.0	0	84.6	44.31	4.67	06/03/2011	
Bromobenzene	5.0		46.1	50.0	0	92.2	48.60	5.32	06/03/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

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

Batch 68765	SampType: LCSD	Units µg/Kg		RPD Limit 40				Date Analyzed		
SampID: LCSD-G110603-1		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Bromochloromethane	5.0			42.5	50.0	0	84.9	43.87	3.24	06/03/2011
Bromodichloromethane	5.0			50.2	50.0	0	100.4	51.48	2.56	06/03/2011
Bromoform	5.0			53.6	50.0	0	107.2	55.94	4.25	06/03/2011
Bromomethane	10			43.7	50.0	0	87.4	47.68	8.76	06/03/2011
Carbon disulfide	5.0			44.8	50.0	0	89.6	47.61	6.13	06/03/2011
Carbon tetrachloride	5.0			58.8	50.0	0	117.7	61.31	4.09	06/03/2011
Chlorobenzene	5.0			46.4	50.0	0	92.8	49.26	6.00	06/03/2011
Chloroethane	10			37.4	50.0	0	74.7	41.09	9.54	06/03/2011
Chloroform	5.0			49.5	50.0	0	99.0	51.31	3.59	06/03/2011
Chloromethane	10			35.8	50.0	0	71.5	39.86	10.87	06/03/2011
cis-1,2-Dichloroethene	5.0			44.6	50.0	0	89.3	48.38	8.06	06/03/2011
cis-1,3-Dichloropropene	4.0			46.7	50.0	0	93.5	49.31	5.35	06/03/2011
Cyclohexanone	100			203	250	0	81.0	211.7	4.40	06/03/2011
Dibromochloromethane	5.0			51.6	50.0	0	103.2	52.52	1.75	06/03/2011
Dibromomethane	5.0			47.7	50.0	0	95.4	49.37	3.46	06/03/2011
Dichlorodifluoromethane	10			43.8	50.0	0	87.5	48.35	9.97	06/03/2011
Ethyl acetate	50.0		J	42	50.0	0	83.0	40.24	0.00	06/03/2011
Ethyl ether	5.0			43.3	50.0	0	86.6	43.92	1.44	06/03/2011
Ethyl methacrylate	5.0			43.6	50.0	0	87.3	44.72	2.42	06/03/2011
Ethylbenzene	5.0			45.5	50.0	0	90.9	47.80	5.00	06/03/2011
Heptane	20.0			43.6	50.0	0	87.1	41.80	4.10	06/03/2011
Hexachlorobutadiene	5.0			59.4	50.0	0	118.8	64.01	7.47	06/03/2011
Hexachloroethane	5.0			47.2	50.0	0	94.4	49.58	4.92	06/03/2011
Iodomethane	10			61.4	50.0	0	122.8	66.57	8.05	06/03/2011
Isopropylbenzene	5.0			47.2	50.0	0	94.5	50.35	6.37	06/03/2011
m,p-Xylenes	5.0			91.9	100	0	91.9	98.06	6.50	06/03/2011
Methacrylonitrile	50.0		J	40	50.0	0	79.3	39.52	0.00	06/03/2011
Methyl Methacrylate	5.0			45.7	50.0	0	91.5	45.07	1.48	06/03/2011
Methyl tert-butyl ether	2.0			44.4	50.0	0	88.9	47.37	6.38	06/03/2011
Methylacrylate	10			41.9	50.0	0	83.8	41.90	0.00	06/03/2011
Methylene chloride	5.0			46.1	50.0	0	92.3	48.71	5.42	06/03/2011
Naphthalene	10			49.8	50.0	0	99.7	50.80	1.91	06/03/2011
n-Butylbenzene	5.0			45.2	50.0	0	90.5	48.67	7.30	06/03/2011
n-Hexane	20.0			44.7	50.0	0	89.5	46.42	3.71	06/03/2011
Nitrobenzene	100			445	500	0	89.1	414.7	7.16	06/03/2011
n-Propylbenzene	5.0			43.3	50.0	0	86.6	45.96	5.94	06/03/2011
o-Xylene	5.0			46.1	50.0	0	92.1	49.34	6.88	06/03/2011
Pentachloroethane	5.0			49.3	50.0	0	98.5	53.34	7.93	06/03/2011
p-Isopropyltoluene	5.0			46.7	50.0	0	93.3	49.51	5.91	06/03/2011
Propionitrile	50.0			410	500	0	82.0	402.4	1.81	06/03/2011
sec-Butylbenzene	5.0			45.0	50.0	0	89.9	47.68	5.85	06/03/2011
Styrene	5.0			46.8	50.0	0	93.6	49.70	6.03	06/03/2011
tert-Butylbenzene	5.0			46.5	50.0	0	93.0	49.16	5.52	06/03/2011
Tetrachloroethene	5.0			50.0	50.0	0	100	52.20	4.33	06/03/2011
Tetrahydrofuran	50.0		J	44	50.0	0	88.9	43.71	0.00	06/03/2011
Toluene	5.0			41.7	50.0	0	83.4	43.91	5.14	06/03/2011
trans-1,2-Dichloroethene	5.0			45.8	50.0	0	91.6	48.08	4.81	06/03/2011



Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

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

Batch 68765	SampType: LCSD	Units µg/Kg		RPD Limit 40					
SampID: LCSD-G110603-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
trans-1,3-Dichloropropene	4.0		47.0	50.0	0	94.1	48.62	3.28	06/03/2011
Trichloroethene	5.0		50.8	50.0	0	101.7	53.89	5.82	06/03/2011
Trichlorofluoromethane	5.0		51.0	50.0	0	102.0	56.14	9.61	06/03/2011
Vinyl acetate	50.0	J	42	50.0	0	83.6	42.65	0.00	06/03/2011
Vinyl chloride	2.0		46.6	50.0	0	93.3	51.11	9.12	06/03/2011
Surr: 1,2-Dichloroethane-d4			57.0	50.0		114.0			06/03/2011
Surr: 4-Bromofluorobenzene			55.6	50.0		111.1			06/03/2011
Surr: Dibromofluoromethane			55.0	50.0		109.9			06/03/2011
Surr: Toluene-d8			47.6	50.0		95.2			06/03/2011

Batch 68765	SampType: LCS	Units µg/Kg							
SampID: LCS-G110603-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1,1,2-Tetrachloroethane	5.0		53.4	50.0	0	106.7	0	200	06/03/2011
1,1,1-Trichloroethane	5.0		58.1	50.0	0	116.3	85.6	124	06/03/2011
1,1,1,2-Tetrachloroethane	5.0		40.1	50.0	0	80.1	0	200	06/03/2011
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		52.7	50.0	0	105.4	0	200	06/03/2011
1,1,2-Trichloroethane	5.0		45.7	50.0	0	91.4	0	200	06/03/2011
1,1-Dichloro-2-propanone	50.0		113	125	0	90.2	0	200	06/03/2011
1,1-Dichloroethane	5.0		46.5	50.0	0	93.0	0	200	06/03/2011
1,1-Dichloroethene	5.0		50.4	50.0	0	100.8	60.1	131	06/03/2011
1,1-Dichloropropene	5.0		49.8	50.0	0	99.6	0	200	06/03/2011
1,2,3-Trichlorobenzene	5.0		57.4	50.0	0	114.9	0	200	06/03/2011
1,2,3-Trichloropropane	10		46.8	50.0	0	93.7	0	200	06/03/2011
1,2,3-Trimethylbenzene	5.0		49.3	50.0	0	98.5	0	200	06/03/2011
1,2,4-Trichlorobenzene	5.0		59.4	50.0	0	118.9	0	200	06/03/2011
1,2,4-Trimethylbenzene	5.0		50.1	50.0	0	100.1	0	200	06/03/2011
1,2-Dibromo-3-chloropropane	5.0		47.6	50.0	0	95.1	0	200	06/03/2011
1,2-Dibromoethane	5.0		48.6	50.0	0	97.2	86.9	119	06/03/2011
1,2-Dichlorobenzene	5.0		48.9	50.0	0	97.7	88	119	06/03/2011
1,2-Dichloroethane	5.0		53.9	50.0	0	107.7	73	117	06/03/2011
1,2-Dichloropropane	5.0		43.6	50.0	0	87.1	0	200	06/03/2011
1,3,5-Trimethylbenzene	5.0		47.5	50.0	0	95.0	0	200	06/03/2011
1,3-Dichlorobenzene	5.0		50.4	50.0	0	100.9	85.8	125	06/03/2011
1,3-Dichloropropane	5.0		44.5	50.0	0	89.1	0	200	06/03/2011
1,4-Dichlorobenzene	5.0		49.4	50.0	0	98.7	84.5	124	06/03/2011
1-Chlorobutane	5.0		44.8	50.0	0	89.6	0	200	06/03/2011
2,2-Dichloropropane	5.0		54.9	50.0	0	109.7	0	200	06/03/2011
2-Butanone	50.0		99.4	125	0	79.5	45.3	136	06/03/2011
2-Chlorotoluene	5.0		47.5	50.0	0	95.1	0	200	06/03/2011
2-Hexanone	50.0		104	125	0	83.3	0	200	06/03/2011
2-Nitropropane	50.0		546	500	0	109.2	0	200	06/03/2011
4-Chlorotoluene	5.0		47.6	50.0	0	95.3	0	200	06/03/2011
4-Methyl-2-pentanone	50.0		105	125	0	83.7	0	200	06/03/2011
Acetone	50.0		110	125	0	88.3	0	200	06/03/2011
Acrylonitrile	10		38.1	50.0	0	76.3	0	200	06/03/2011
Allyl chloride	5.0		49.3	50.0	0	98.7	0	200	06/03/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

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

Batch 68765	SampType: LCS	Units µg/Kg											
SampID: LCS-G110603-1				Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	1.0		44.3	50.0	0	88.6	73.9	109	06/03/2011				
Bromobenzene	5.0		48.6	50.0	0	97.2	0	200	06/03/2011				
Bromochloromethane	5.0		43.9	50.0	0	87.7	0	200	06/03/2011				
Bromodichloromethane	5.0		51.5	50.0	0	103.0	91.3	126	06/03/2011				
Bromoform	5.0		55.9	50.0	0	111.9	0	200	06/03/2011				
Bromomethane	10		47.7	50.0	0	95.4	0	200	06/03/2011				
Carbon disulfide	5.0		47.6	50.0	0	95.2	0	200	06/03/2011				
Carbon tetrachloride	5.0		61.3	50.0	0	122.6	83.3	127	06/03/2011				
Chlorobenzene	5.0		49.3	50.0	0	98.5	85.8	116	06/03/2011				
Chloroethane	10		41.1	50.0	0	82.2	0	200	06/03/2011				
Chloroform	5.0		51.3	50.0	0	102.6	80	113	06/03/2011				
Chloromethane	10		39.9	50.0	0	79.7	0	200	06/03/2011				
cis-1,2-Dichloroethene	5.0		48.4	50.0	0	96.8	0	200	06/03/2011				
cis-1,3-Dichloropropene	4.0		49.3	50.0	0	98.6	0	200	06/03/2011				
Cyclohexanone	100		212	250	0	84.7	0	200	06/03/2011				
Dibromochloromethane	5.0		52.5	50.0	0	105.0	89.1	119	06/03/2011				
Dibromomethane	5.0		49.4	50.0	0	98.7	0	200	06/03/2011				
Dichlorodifluoromethane	10		48.4	50.0	0	96.7	0	200	06/03/2011				
Ethyl acetate	50.0	J	40	50.0	0	80.5	0	200	06/03/2011				
Ethyl ether	5.0		43.9	50.0	0	87.8	0	200	06/03/2011				
Ethyl methacrylate	5.0		44.7	50.0	0	89.4	0	200	06/03/2011				
Ethylbenzene	5.0		47.8	50.0	0	95.6	84.1	115	06/03/2011				
Heptane	20.0		41.8	50.0	0	83.6	0	200	06/03/2011				
Hexachlorobutadiene	5.0		64.0	50.0	0	128.0	0	200	06/03/2011				
Hexachloroethane	5.0		49.6	50.0	0	99.2	0	200	06/03/2011				
Iodomethane	10		66.6	50.0	0	133.1	0	200	06/03/2011				
Isopropylbenzene	5.0		50.4	50.0	0	100.7	0	200	06/03/2011				
m,p-Xylenes	5.0		98.1	100	0	98.1	79.1	111	06/03/2011				
Methacrylonitrile	50.0	J	40	50.0	0	79.0	0	200	06/03/2011				
Methyl Methacrylate	5.0		45.1	50.0	0	90.1	0	200	06/03/2011				
Methyl tert-butyl ether	2.0		47.4	50.0	0	94.7	80	128	06/03/2011				
Methylacrylate	10		41.9	50.0	0	83.8	0	200	06/03/2011				
Methylene chloride	5.0		48.7	50.0	0	97.4	73.9	116	06/03/2011				
Naphthalene	10		50.8	50.0	0	101.6	73.1	135	06/03/2011				
n-Butylbenzene	5.0		48.7	50.0	0	97.3	0	200	06/03/2011				
n-Hexane	20.0		46.4	50.0	0	92.8	0	200	06/03/2011				
Nitrobenzene	100		415	500	0	82.9	0	200	06/03/2011				
n-Propylbenzene	5.0		46.0	50.0	0	91.9	0	200	06/03/2011				
o-Xylene	5.0		49.3	50.0	0	98.7	82	117	06/03/2011				
Pentachloroethane	5.0		53.3	50.0	0	106.7	0	200	06/03/2011				
p-Isopropyltoluene	5.0		49.5	50.0	0	99.0	0	200	06/03/2011				
Propionitrile	50.0		402	500	0	80.5	0	200	06/03/2011				
sec-Butylbenzene	5.0		47.7	50.0	0	95.4	0	200	06/03/2011				
Styrene	5.0		49.7	50.0	0	99.4	0	200	06/03/2011				
tert-Butylbenzene	5.0		49.2	50.0	0	98.3	0	200	06/03/2011				
Tetrachloroethene	5.0		52.2	50.0	0	104.4	74.6	115	06/03/2011				
Tetrahydrofuran	50.0	J	44	50.0	0	87.4	0	200	06/03/2011				



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11051268

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

**Report Date:** 09-Jun-11

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

**Batch** 68765

**SampType:** LCS

Units  $\mu\text{g/Kg}$

SampID: LCS-G110603-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Toluene	5.0		<b>43.9</b>	50.0	0	87.8	79.1	112	06/03/2011
trans-1,2-Dichloroethene	5.0		<b>48.1</b>	50.0	0	96.2	0	200	06/03/2011
trans-1,3-Dichloropropene	4.0		<b>48.6</b>	50.0	0	97.2	0	200	06/03/2011
Trichloroethene	5.0		<b>53.9</b>	50.0	0	107.8	81	111	06/03/2011
Trichlorofluoromethane	5.0		<b>56.1</b>	50.0	0	112.3	0	200	06/03/2011
Vinyl acetate	50.0	J	<b>43</b>	50.0	0	85.3	0	200	06/03/2011
Vinyl chloride	2.0		<b>51.1</b>	50.0	0	102.2	0	200	06/03/2011
Surr: 1,2-Dichloroethane-d4			<b>55.8</b>	50.0		111.5	72.2	131	06/03/2011
Surr: 4-Bromofluorobenzene			<b>55.2</b>	50.0		110.4	82.1	116	06/03/2011
Surr: Dibromofluoromethane			<b>55.2</b>	50.0		110.4	77.7	120	06/03/2011
Surr: Toluene-d8			<b>47.2</b>	50.0		94.4	86	116	06/03/2011



# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11051268

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

Report Date: 09-Jun-11

Carrier: Sean Spinner

Received By: BSJ

Completed by: *Marvin L. Darling II*  
On: 26-May-11  
Marvin L. Darling

Reviewed by: *Elizabeth A. Hurley*  
On: 26-May-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 4.0
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** 10021

11057268

Project Name: Champaign MGP Project Mgr.: P. Szegoma  
Project Number: 624-0908-0120 Cost Code: 50002

Sampler(s): FLORA

Laboratory Name: Teklab, Inc.  
Location: Collinsville, IL

Sample Number and (depth)	Date	Time	Matrix			
			Soil	Water	Air	Wipes *
P9-H4-W(17)	5/25/11	1230	X			
P9-H3-W(16)		1240	X			
P9-H2-W(16)		1250	X			
P9-H1-W(15)		1300	X			
P9-G1-W(15)		1310	X			
P9-F1-W(3)		1320	X			
P9-F1-W(8)		1330	X			
P9-F1-W(15)		1340	X			

Total Number of Containers

Analyses by Method Name and Number

Method Name and Number	Analysis
VOC (8260)	X
SVC (8270)	X
SVC (8270 SIM)	X
RCRA Metals	X
Tot/CN	X
Amevable CN	X

Laboratory Temperature upon Receipt

Comments (Field PID)	Lab ID #'s
<u>Medo</u>	<u>11057268-001</u>
	<u>-002</u>
	<u>-003</u>
	<u>-004</u>
	<u>-005</u>
	<u>-006</u>
	<u>-007</u>
	<u>-008</u>

Teklab, 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 (HNO<sub>3</sub>)
- Metals
- Nitric acid
- Cyanide
- Sodium hydroxide (NaOH)
- Other (Specify) \_\_\_\_\_

**Lab Directives:**

Requested TAT:  Rush  5 Days  STD  Other \_\_\_\_\_

Fax and/or Mail Results to: P. Szegoma; L. Honsler

Send Invoice to: B. Martin

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

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

Reporting Limits: IL TACO IAC 740/742

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

**Shipping:**

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

**Relinquished by:**

Signature: Mid. E. E. E.

Date: 5/26/11 Time: 0814

**Received by:**

Signature: [Signature]

Date: 5/26/11 Time: 0814

**Received by:**

Signature: [Signature]

Date: 5/26/11 Time: 0814

June 09, 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:** 11060059

Dear Pete Sazama:

TEKLAB, INC received 5 samples on 6/1/2011 5:07:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

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

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

Sincerely,



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



## Report Contents

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

**This reporting package includes the following:**

Cover Letter	1
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Laboratory Results	5
Sample Summary	27
Dates Report	28
Quality Control Results	30
Receiving Check List	53
Chain of Custody	Appended

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-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:** 11060059

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

**Report Date:** 09-Jun-11

**Cooler Receipt Temp:** 13.4 °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: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-001

Client Sample ID: 30984T060111

Matrix: AQUEOUS

Collection Date: 06/01/2011 9:30

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		7.45		1	06/01/2011 18:27	R150183
<b>STANDARD METHODS 18TH ED. 2540 D</b>								
Total Suspended Solids	NELAP	6	J	5	mg/L	1	06/02/2011 9:00	R150198
<b>STANDARD METHODS 18TH ED. 5210 B</b>								
Biochemical Oxygen Demand	NELAP	5		50	mg/L	1	06/02/2011 11:30	68666
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.073		0.188	mg/L	10	06/03/2011 8:09	R150214
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.073	S	0.264	mg/L	10	06/03/2011 8:09	R150214
<i>Sample concentration was greater than 5 times the spike concentration.</i>								
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>								
Arsenic	NELAP	0.0250		< 0.0250	mg/L	1	06/02/2011 12:25	68638
Barium	NELAP	0.0050		0.554	mg/L	1	06/02/2011 12:25	68638
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	06/02/2011 12:25	68638
Chromium	NELAP	0.0100		< 0.0100	mg/L	1	06/02/2011 12:25	68638
Selenium	NELAP	0.0500		< 0.0500	mg/L	1	06/02/2011 12:25	68638
Silver	NELAP	0.0100		< 0.0100	mg/L	1	06/02/2011 12:25	68638
<b>SW-846 3020A, METALS BY GFAA (TOTAL)</b>								
Lead	7421 NELAP	0.0020	J	0.0007	mg/L	1	06/02/2011 12:15	68637
<b>SW-846 7470A (TOTAL)</b>								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	06/02/2011 0:00	68646
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Anthracene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Chrysene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Fluoranthene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Fluorene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Naphthalene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Phenanthrene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Pyrene	NELAP	0.00010		ND	mg/L	1	06/02/2011 16:20	68636
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	06/02/2011 16:20	68636
Surr: 2-Fluorobiphenyl		34.3-105		80.0	%REC	1	06/02/2011 16:20	68636
Surr: 2-Fluorophenol		19.9-55.7		36.8	%REC	1	06/02/2011 16:20	68636
Surr: Nitrobenzene-d5		36.4-127		70.9	%REC	1	06/02/2011 16:20	68636
Surr: Phenol-d5		8.95-38.5		22.3	%REC	1	06/02/2011 16:20	68636
Surr: p-Terphenyl-d14		6.05-133		97.9	%REC	1	06/02/2011 16:20	68636
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	06/01/2011 18:22	68658



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

**Lab ID:** 11060059-001

**Client Sample ID:** 30984T060111

**Matrix:** AQUEOUS

**Collection Date:** 06/01/2011 9:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethylbenzene	NELAP	5.0		ND	µg/L	1	06/01/2011 18:22	68658
Toluene	NELAP	5.0		ND	µg/L	1	06/01/2011 18:22	68658
Xylenes, Total	NELAP	5.0		ND	µg/L	1	06/01/2011 18:22	68658
Surr: 1,2-Dichloroethane-d4		74.7-129		112.3	%REC	1	06/01/2011 18:22	68658
Surr: 4-Bromofluorobenzene		86-119		102.1	%REC	1	06/01/2011 18:22	68658
Surr: Dibromofluoromethane		81.7-123		107.9	%REC	1	06/01/2011 18:22	68658
Surr: Toluene-d8		84.3-114		92.3	%REC	1	06/01/2011 18:22	68658

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-002

Client Sample ID: P9-E3-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		12.6	%	1	06/01/2011 17:30	R150188
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		87.4	%	1	06/01/2011 17:30	R150164
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.572		< 0.572	mg/Kg-dry	1	06/03/2011 8:09	R150214
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.57		< 0.57	mg/Kg-dry	1	06/03/2011 8:09	R150214
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.40		6.86	mg/Kg-dry	1	06/03/2011 9:04	68639
Barium	NELAP	0.48		16.9	mg/Kg-dry	1	06/03/2011 9:04	68639
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	06/03/2011 9:04	68639
Chromium	NELAP	0.96		16.7	mg/Kg-dry	1	06/03/2011 9:04	68639
Lead	NELAP	3.85		11.7	mg/Kg-dry	1	06/03/2011 9:04	68639
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	06/03/2011 9:04	68639
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.566		< 0.566	mg/Kg-dry	1	06/03/2011 10:54	68651
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.006	mg/Kg-dry	1	06/02/2011 0:00	68645
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.72		15.2	mg/Kg-dry	1	06/03/2011 11:20	68672
Kerosene	NELAP	5.72		ND	mg/Kg-dry	1	06/03/2011 11:20	68672
Mineral Spirits	NELAP	5.72		ND	mg/Kg-dry	1	06/03/2011 11:20	68672
Motor Oil	NELAP	5.72	#	8.28	mg/Kg-dry	1	06/03/2011 11:20	68672
Surr: n-Tetracontane		50.6-140		107.7	%REC	1	06/03/2011 11:20	68672
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Bis(2-ethylhexyl)phthalate	NELAP	0.077		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Naphthalene	NELAP	0.004		0.008	mg/Kg-dry	1	06/03/2011 20:16	68634
Phenanthrene	NELAP	0.004		0.005	mg/Kg-dry	1	06/03/2011 20:16	68634
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Surr: 2-Fluorobiphenyl		10-131		74.4	%REC	1	06/03/2011 20:16	68634
Surr: Nitrobenzene-d5		10-132		77.7	%REC	1	06/03/2011 20:16	68634
Surr: p-Terphenyl-d14		80.2-138		87.1	%REC	1	06/03/2011 20:16	68634

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-002

Client Sample ID: P9-E3-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:30

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	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
1,2-Dichlorobenzene	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
1,3-Dichlorobenzene	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
1,4-Dichlorobenzene	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2,4,5-Trichlorophenol	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2,4,6-Trichlorophenol	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2,4-Dichlorophenol	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2,4-Dimethylphenol	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2,4-Dinitrophenol	NELAP	1.14		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2,4-Dinitrotoluene	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2,6-Dinitrotoluene	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2-Chloronaphthalene	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2-Chlorophenol	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2-Methoxy-4-methylphenol		0.744		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2-Methylnaphthalene	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2-Nitrophenol	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
3,3'-Dichlorobenzidine	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
3-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
4,6-Dinitro-2-methylphenol	NELAP	1.14		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
4-Bromophenyl phenyl ether	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
4-Chloro-3-methylphenol	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
4-Chloroaniline	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
4-Chlorophenyl phenyl ether	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
4-Nitroaniline	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
4-Nitrophenol	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Aniline	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Azobenzene		0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Benzidine	NELAP	1.21		see note	mg/Kg-dry	1	06/02/2011 12:13	68613
Benzoic acid	NELAP	1.72		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Benzyl alcohol	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Bis(2-chloroethoxy)methane	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Bis(2-chloroethyl)ether	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Bis(2-chloroisopropyl)ether	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Butyl benzyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Carbazole		0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Dibenzofuran	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Diethyl phthalate	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Dimethyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Di-n-butyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Di-n-octyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Hexachlorobenzene	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Hexachlorobutadiene	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Hexachlorocyclopentadiene	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Hexachloroethane	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Isophorone	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
m,p-Cresol	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-002

Client Sample ID: P9-E3-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:30

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	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
N-Nitrosodimethylamine	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
N-Nitroso-di-n-propylamine	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
N-Nitrosodiphenylamine	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
o-Cresol	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Pentachlorophenol	NELAP	2.29		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Phenol	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Pyridine	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
1,2-Diphenylhydrazine		0.961		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Surr: 2,4,6-Tribromophenol		32.7-130		83.7	%REC	1	06/02/2011 12:13	68613
Surr: 2-Fluorobiphenyl		34.1-116		87.6	%REC	1	06/02/2011 12:13	68613
Surr: 2-Fluorophenol		30.5-99		80.0	%REC	1	06/02/2011 12:13	68613
Surr: Nitrobenzene-d5		34.1-101		89.1	%REC	1	06/02/2011 12:13	68613
Surr: Phenol-d5		34.9-110		82.6	%REC	1	06/02/2011 12:13	68613
Surr: p-Terphenyl-d14		41.7-124		101.1	%REC	1	06/02/2011 12:13	68613

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

Marginal Exceedance for 4-Nitrophenol, LCS is verified per NELAC Appendix D 1.1.2

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

1,1,1,2-Tetrachloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1,1-Trichloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1,2,2-Tetrachloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1,2-Trichloro-1,2,2-trifluoroethane		76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1,2-Trichloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1-Dichloro-2-propanone		760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1-Dichloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1-Dichloroethene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1-Dichloropropene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2,3-Trichlorobenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2,3-Trichloropropane	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2,3-Trimethylbenzene		76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2,4-Trichlorobenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2,4-Trimethylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2-Dibromo-3-chloropropane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2-Dibromoethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2-Dichlorobenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2-Dichloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2-Dichloropropane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,3,5-Trimethylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,3-Dichlorobenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,3-Dichloropropane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,4-Dichlorobenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1-Chlorobutane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
2,2-Dichloropropane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
2-Butanone	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
2-Chlorotoluene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
2-Hexanone	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
2-Nitropropane	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-002

Client Sample ID: P9-E3-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
4-Chlorotoluene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
4-Methyl-2-pentanone	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Acetone	NELAP	760	J	540	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Acetonitrile	NELAP	1520		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Acrolein	NELAP	1520		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Acrylonitrile	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Allyl chloride	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Benzene	NELAP	15.2		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Bromobenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Bromochloromethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Bromodichloromethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Bromoform	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Bromomethane	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Carbon disulfide	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Carbon tetrachloride	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Chlorobenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Chloroethane	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Chloroform	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Chloromethane	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
cis-1,2-Dichloroethene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
cis-1,3-Dichloropropene	NELAP	60.8		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Cyclohexanone		1520		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Dibromochloromethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Dibromomethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Dichlorodifluoromethane	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Ethyl acetate	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Ethyl ether	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Ethyl methacrylate	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Ethylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Gasoline Range Organics (OA-1)		15200		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Heptane		304		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Hexachlorobutadiene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Hexachloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Iodomethane	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Isopropylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
m,p-Xylenes	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Methacrylonitrile	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Methyl Methacrylate	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Methyl tert-butyl ether	NELAP	30.4		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Methylacrylate		152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Methylene chloride	NELAP	76.0	J	74	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Naphthalene	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
n-Butylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
n-Hexane		304		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Nitrobenzene	NELAP	1520		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
n-Propylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
o-Xylene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-002

Client Sample ID: P9-E3-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Pentachloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
p-Isopropyltoluene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Propionitrile	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
sec-Butylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Styrene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
tert-Butylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Tetrachloroethene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Tetrahydrofuran	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Toluene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
trans-1,2-Dichloroethene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
trans-1,3-Dichloropropene	NELAP	60.8		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
trans-1,4-Dichloro-2-butene	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Trichloroethene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Trichlorofluoromethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Vinyl acetate	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Vinyl chloride	NELAP	30.4		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Xylenes, Total	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Surr: 1,2-Dichloroethane-d4		72.2-131		101.1	%REC	12.5	06/02/2011 17:43	68676
Surr: 4-Bromofluorobenzene		82.1-116		100.1	%REC	12.5	06/02/2011 17:43	68676
Surr: Dibromofluoromethane		77.7-120		99.2	%REC	12.5	06/02/2011 17:43	68676
Surr: Toluene-d8		86-116		101.1	%REC	12.5	06/02/2011 17:43	68676

Marginal Exceedance for methylene chloride in LCS/LCSD is verified per NELAC Appendix D 1.1.2

Elevated reporting limit due to matrix interference.



Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-003

Client Sample ID: P9-E3-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 12:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		10.1	%	1	06/01/2011 17:30	R150188
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.9	%	1	06/01/2011 17:30	R150164
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.601		Interference	mg/Kg-dry	1	06/02/2011 8:12	R150214
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56		< 0.56	mg/Kg-dry	1	06/02/2011 8:12	R150214
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		6.38	mg/Kg-dry	1	06/03/2011 9:20	68639
Barium	NELAP	0.46		19.4	mg/Kg-dry	1	06/03/2011 9:20	68639
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	06/03/2011 9:20	68639
Chromium	NELAP	0.93		16.8	mg/Kg-dry	1	06/03/2011 9:20	68639
Lead	NELAP	3.70		10.9	mg/Kg-dry	1	06/03/2011 9:20	68639
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	06/03/2011 9:20	68639
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.566		< 0.566	mg/Kg-dry	1	06/03/2011 10:57	68651
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.006	mg/Kg-dry	1	06/02/2011 0:00	68645
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.56	#	7.09	mg/Kg-dry	1	06/03/2011 11:37	68672
Kerosene	NELAP	5.56		ND	mg/Kg-dry	1	06/03/2011 11:37	68672
Mineral Spirits	NELAP	5.56		ND	mg/Kg-dry	1	06/03/2011 11:37	68672
Motor Oil	NELAP	5.56		ND	mg/Kg-dry	1	06/03/2011 11:37	68672
Surr: n-Tetracontane		50.6-140		101.2	%REC	1	06/03/2011 11:37	68672
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Naphthalene	NELAP	0.004		0.006	mg/Kg-dry	1	06/03/2011 20:52	68634
Phenanthrene	NELAP	0.004		0.005	mg/Kg-dry	1	06/03/2011 20:52	68634
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Surr: 2-Fluorobiphenyl		10-131		77.2	%REC	1	06/03/2011 20:52	68634
Surr: Nitrobenzene-d5		10-132		80.8	%REC	1	06/03/2011 20:52	68634
Surr: p-Terphenyl-d14		80.2-138		86.6	%REC	1	06/03/2011 20:52	68634

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-003

Client Sample ID: P9-E3-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 12:40

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	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
1,2-Dichlorobenzene	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
1,3-Dichlorobenzene	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
1,4-Dichlorobenzene	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2,4,5-Trichlorophenol	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2,4,6-Trichlorophenol	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2,4-Dichlorophenol	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2,4-Dimethylphenol	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2,4-Dinitrotoluene	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2,6-Dinitrotoluene	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2-Chloronaphthalene	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2-Chlorophenol	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2-Methoxy-4-methylphenol		0.720		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2-Methylnaphthalene	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2-Nitrophenol	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
3,3'-Dichlorobenzidine	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
4-Bromophenyl phenyl ether	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
4-Chloro-3-methylphenol	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
4-Chloroaniline	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
4-Chlorophenyl phenyl ether	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
4-Nitroaniline	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
4-Nitrophenol	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Aniline	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Azobenzene		0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Benzidine	NELAP	1.17		see note	mg/Kg-dry	1	06/02/2011 13:48	68613
Benzoic acid	NELAP	1.66		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Benzyl alcohol	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Bis(2-chloroethoxy)methane	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Bis(2-chloroethyl)ether	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Bis(2-chloroisopropyl)ether	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Butyl benzyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Carbazole		0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Dibenzofuran	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Diethyl phthalate	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Dimethyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Di-n-butyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Di-n-octyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Hexachlorobenzene	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Hexachlorobutadiene	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Hexachlorocyclopentadiene	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Hexachloroethane	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Isophorone	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
m,p-Cresol	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-003

Client Sample ID: P9-E3-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 12:40

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	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
N-Nitrosodimethylamine	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
N-Nitroso-di-n-propylamine	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
N-Nitrosodiphenylamine	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
o-Cresol	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Pentachlorophenol	NELAP	2.21		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Phenol	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Pyridine	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
1,2-Diphenylhydrazine		0.930		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Surr: 2,4,6-Tribromophenol		32.7-130		79.0	%REC	1	06/02/2011 13:48	68613
Surr: 2-Fluorobiphenyl		34.1-116		76.8	%REC	1	06/02/2011 13:48	68613
Surr: 2-Fluorophenol		30.5-99		72.2	%REC	1	06/02/2011 13:48	68613
Surr: Nitrobenzene-d5		34.1-101		78.3	%REC	1	06/02/2011 13:48	68613
Surr: Phenol-d5		34.9-110		74.8	%REC	1	06/02/2011 13:48	68613
Surr: p-Terphenyl-d14		41.7-124		87.8	%REC	1	06/02/2011 13:48	68613

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

Marginal Exceedance for 4-Nitrophenol, LCS is verified per NELAC Appendix D 1.1.2

<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1,1-Trichloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1,2,2-Tetrachloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1,2-Trichloro-1,2,2-trifluoroethane		3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1,2-Trichloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1-Dichloro-2-propanone		37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1-Dichloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1-Dichloroethene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1-Dichloropropene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2,3-Trichlorobenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2,3-Trichloropropane	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2,3-Trimethylbenzene		3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2,4-Trichlorobenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2,4-Trimethylbenzene	NELAP	3.71	J	2.0	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2-Dibromo-3-chloropropane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2-Dibromoethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2-Dichlorobenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2-Dichloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2-Dichloropropane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,3,5-Trimethylbenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,3-Dichlorobenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,3-Dichloropropane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,4-Dichlorobenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1-Chlorobutane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
2,2-Dichloropropane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
2-Butanone	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
2-Chlorotoluene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
2-Hexanone	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
2-Nitropropane	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-003

Client Sample ID: P9-E3-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 12:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
4-Chlorotoluene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
4-Methyl-2-pentanone	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Acetone	NELAP	37.1	J	26	µg/Kg-dry	1	06/02/2011 16:18	68676
Acetonitrile	NELAP	74.3		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Acrolein	NELAP	74.3		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Acrylonitrile	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Allyl chloride	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Benzene	NELAP	0.743		1.05	µg/Kg-dry	1	06/02/2011 16:18	68676
Bromobenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Bromochloromethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Bromodichloromethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Bromoform	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Bromomethane	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Carbon disulfide	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Carbon tetrachloride	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Chlorobenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Chloroethane	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Chloroform	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Chloromethane	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
cis-1,2-Dichloroethene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
cis-1,3-Dichloropropene	NELAP	2.97		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Cyclohexanone		74.3		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Dibromochloromethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Dibromomethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Dichlorodifluoromethane	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Ethyl acetate	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Ethyl ether	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Ethyl methacrylate	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Ethylbenzene	NELAP	3.71	J	0.78	µg/Kg-dry	1	06/02/2011 16:18	68676
Gasoline Range Organics (OA-1)		743		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Heptane		14.9		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Hexachlorobutadiene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Hexachloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Iodomethane	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Isopropylbenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
m,p-Xylenes	NELAP	3.71	J	2.1	µg/Kg-dry	1	06/02/2011 16:18	68676
Methacrylonitrile	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Methyl Methacrylate	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Methyl tert-butyl ether	NELAP	1.49		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Methylacrylate		7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Methylene chloride	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Naphthalene	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
n-Butylbenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
n-Hexane		14.9	J	1.6	µg/Kg-dry	1	06/02/2011 16:18	68676
Nitrobenzene	NELAP	74.3		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
n-Propylbenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
o-Xylene	NELAP	3.71	J	0.80	µg/Kg-dry	1	06/02/2011 16:18	68676

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-003

Client Sample ID: P9-E3-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 12:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Pentachloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
p-Isopropyltoluene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Propionitrile	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
sec-Butylbenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Styrene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
tert-Butylbenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Tetrachloroethene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Tetrahydrofuran	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Toluene	NELAP	3.71	J	1.8	µg/Kg-dry	1	06/02/2011 16:18	68676
trans-1,2-Dichloroethene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
trans-1,3-Dichloropropene	NELAP	2.97		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
trans-1,4-Dichloro-2-butene	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Trichloroethene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Trichlorofluoromethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Vinyl acetate	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Vinyl chloride	NELAP	1.49		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Xylenes, Total	NELAP	3.71	J	2.9	µg/Kg-dry	1	06/02/2011 16:18	68676
Surr: 1,2-Dichloroethane-d4		72.2-131		110.8	%REC	1	06/02/2011 16:18	68676
Surr: 4-Bromofluorobenzene		82.1-116		90.2	%REC	1	06/02/2011 16:18	68676
Surr: Dibromofluoromethane		77.7-120		111.7	%REC	1	06/02/2011 16:18	68676
Surr: Toluene-d8		86-116	S	116.5	%REC	1	06/02/2011 16:18	68676

Surrogate recovery was outside QC limits due to matrix interference.

Marginal Exceedance for methylene chloride in LCS/LCSD is verified per NELAC Appendix D 1.1.2

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-004

Client Sample ID: P9-DE1.5-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:50

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	06/01/2011 17:30	R150188
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.2	%	1	06/01/2011 17:30	R150164
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.628		Interference	mg/Kg-dry	1	06/02/2011 8:12	R150214
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	J	0.30	mg/Kg-dry	1	06/02/2011 8:12	R150214
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		6.28	mg/Kg-dry	1	06/03/2011 9:26	68639
Barium	NELAP	0.46		18.3	mg/Kg-dry	1	06/03/2011 9:26	68639
Cadmium	NELAP	0.19	J	0.11	mg/Kg-dry	1	06/03/2011 9:26	68639
Chromium	NELAP	0.93		18.6	mg/Kg-dry	1	06/03/2011 9:26	68639
Lead	NELAP	3.70		10.7	mg/Kg-dry	1	06/03/2011 9:26	68639
Silver	NELAP	0.51		0.65	mg/Kg-dry	1	06/03/2011 9:26	68639
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	06/03/2011 11:01	68651
<b>SW-846 7471A</b>								
Mercury	NELAP	0.010	J	0.007	mg/Kg-dry	1	06/02/2011 0:00	68645
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.61	#	16.8	mg/Kg-dry	1	06/03/2011 11:55	68672
Kerosene	NELAP	5.61		ND	mg/Kg-dry	1	06/03/2011 11:55	68672
Mineral Spirits	NELAP	5.61		ND	mg/Kg-dry	1	06/03/2011 11:55	68672
Motor Oil	NELAP	5.61		ND	mg/Kg-dry	1	06/03/2011 11:55	68672
Surr: n-Tetracontane		50.6-140		105.5	%REC	1	06/03/2011 11:55	68672
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004	J	0.003	mg/Kg-dry	1	06/03/2011 22:39	68634
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 22:39	68634
Anthracene	NELAP	0.004	J	0.003	mg/Kg-dry	1	06/03/2011 22:39	68634
Benzo(a)anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	06/03/2011 22:39	68634
Benzo(a)pyrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	06/03/2011 22:39	68634
Benzo(b)fluoranthene	NELAP	0.004	J	0.004	mg/Kg-dry	1	06/03/2011 22:39	68634
Benzo(g,h,i)perylene	NELAP	0.004		0.006	mg/Kg-dry	1	06/03/2011 22:39	68634
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 22:39	68634
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	06/03/2011 22:39	68634
Chrysene	NELAP	0.004	J	0.004	mg/Kg-dry	1	06/03/2011 22:39	68634
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 22:39	68634
Fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	06/03/2011 22:39	68634
Fluorene	NELAP	0.004		0.005	mg/Kg-dry	1	06/03/2011 22:39	68634
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 22:39	68634
Naphthalene	NELAP	0.004		1.28	mg/Kg-dry	1	06/03/2011 22:39	68634
Phenanthrene	NELAP	0.004		0.016	mg/Kg-dry	1	06/03/2011 22:39	68634
Pyrene	NELAP	0.004		0.007	mg/Kg-dry	1	06/03/2011 22:39	68634
Surr: 2-Fluorobiphenyl		10-131		71.8	%REC	1	06/03/2011 22:39	68634
Surr: Nitrobenzene-d5		10-132		74.9	%REC	1	06/03/2011 22:39	68634
Surr: p-Terphenyl-d14		80.2-138		80.6	%REC	1	06/03/2011 22:39	68634

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-004

Client Sample ID: P9-DE1.5-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
1,2-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
1,3-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
1,4-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2,4,5-Trichlorophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2,4,6-Trichlorophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2,4-Dichlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2,4-Dimethylphenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2,4-Dinitrotoluene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2,6-Dinitrotoluene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2-Chloronaphthalene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2-Chlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2-Methoxy-4-methylphenol		0.727		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2-Methylnaphthalene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2-Nitrophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
3,3'-Dichlorobenzidine	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
4-Bromophenyl phenyl ether	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
4-Chloro-3-methylphenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
4-Chloroaniline	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
4-Chlorophenyl phenyl ether	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
4-Nitroaniline	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
4-Nitrophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Aniline	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Azobenzene		0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Benzidine	NELAP	1.18		see note	mg/Kg-dry	1	06/02/2011 14:20	68613
Benzoic acid	NELAP	1.68		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Benzyl alcohol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Bis(2-chloroethoxy)methane	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Bis(2-chloroethyl)ether	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Bis(2-chloroisopropyl)ether	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Butyl benzyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Carbazole		0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Dibenzofuran	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Diethyl phthalate	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Dimethyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Di-n-butyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Di-n-octyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Hexachlorobenzene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Hexachlorobutadiene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Hexachlorocyclopentadiene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Hexachloroethane	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Isophorone	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
m,p-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-004

Client Sample ID: P9-DE1.5-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:50

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	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
N-Nitrosodimethylamine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
N-Nitroso-di-n-propylamine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
N-Nitrosodiphenylamine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
o-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Pentachlorophenol	NELAP	2.24		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Phenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Pyridine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
1,2-Diphenylhydrazine		0.939		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Surr: 2,4,6-Tribromophenol		32.7-130		80.6	%REC	1	06/02/2011 14:20	68613
Surr: 2-Fluorobiphenyl		34.1-116		77.6	%REC	1	06/02/2011 14:20	68613
Surr: 2-Fluorophenol		30.5-99		72.1	%REC	1	06/02/2011 14:20	68613
Surr: Nitrobenzene-d5		34.1-101		80.4	%REC	1	06/02/2011 14:20	68613
Surr: Phenol-d5		34.9-110		77.4	%REC	1	06/02/2011 14:20	68613
Surr: p-Terphenyl-d14		41.7-124		91.9	%REC	1	06/02/2011 14:20	68613

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

Marginal Exceedance for 4-Nitrophenol, LCS is verified per NELAC Appendix D 1.1.2

<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1,1-Trichloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1,2,2-Tetrachloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1,2-Trichloro-1,2,2-trifluoroethane		371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1,2-Trichloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1-Dichloro-2-propanone		3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1-Dichloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1-Dichloroethene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1-Dichloropropene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2,3-Trichlorobenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2,3-Trichloropropane	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2,3-Trimethylbenzene		371	J	330	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2,4-Trichlorobenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2,4-Trimethylbenzene	NELAP	371		434	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2-Dibromo-3-chloropropane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2-Dibromoethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2-Dichlorobenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2-Dichloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2-Dichloropropane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,3,5-Trimethylbenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,3-Dichlorobenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,3-Dichloropropane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,4-Dichlorobenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1-Chlorobutane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
2,2-Dichloropropane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
2-Butanone	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
2-Chlorotoluene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
2-Hexanone	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
2-Nitropropane	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676



Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-004

Client Sample ID: P9-DE1.5-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
4-Chlorotoluene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
4-Methyl-2-pentanone	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Acetone	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Acetonitrile	NELAP	7430		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Acrolein	NELAP	7430		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Acrylonitrile	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Allyl chloride	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Benzene	NELAP	74.3		7520	µg/Kg-dry	50	06/02/2011 16:46	68676
Bromobenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Bromochloromethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Bromodichloromethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Bromoform	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Bromomethane	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Carbon disulfide	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Carbon tetrachloride	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Chlorobenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Chloroethane	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Chloroform	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Chloromethane	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
cis-1,2-Dichloroethene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
cis-1,3-Dichloropropene	NELAP	297		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Cyclohexanone		7430		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Dibromochloromethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Dibromomethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Dichlorodifluoromethane	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Ethyl acetate	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Ethyl ether	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Ethyl methacrylate	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Ethylbenzene	NELAP	371		10300	µg/Kg-dry	50	06/02/2011 16:46	68676
Gasoline Range Organics (OA-1)		74300		104000	µg/Kg-dry	50	06/02/2011 16:46	68676
Heptane		1490		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Hexachlorobutadiene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Hexachloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Iodomethane	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Isopropylbenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
m,p-Xylenes	NELAP	371		19500	µg/Kg-dry	50	06/02/2011 16:46	68676
Methacrylonitrile	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Methyl Methacrylate	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Methyl tert-butyl ether	NELAP	149		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Methylacrylate		743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Methylene chloride	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Naphthalene	NELAP	743		5240	µg/Kg-dry	50	06/02/2011 16:46	68676
n-Butylbenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
n-Hexane		1490		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Nitrobenzene	NELAP	7430		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
n-Propylbenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
o-Xylene	NELAP	371		11100	µg/Kg-dry	50	06/02/2011 16:46	68676

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-004

Client Sample ID: P9-DE1.5-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Pentachloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
p-Isopropyltoluene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Propionitrile	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
sec-Butylbenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Styrene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
tert-Butylbenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Tetrachloroethene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Tetrahydrofuran	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Toluene	NELAP	371		7400	µg/Kg-dry	50	06/02/2011 16:46	68676
trans-1,2-Dichloroethene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
trans-1,3-Dichloropropene	NELAP	297		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
trans-1,4-Dichloro-2-butene	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Trichloroethene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Trichlorofluoromethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Vinyl acetate	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Vinyl chloride	NELAP	149		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Xylenes, Total	NELAP	371		30600	µg/Kg-dry	50	06/02/2011 16:46	68676
Surr: 1,2-Dichloroethane-d4		72.2-131		103.6	%REC	50	06/02/2011 16:46	68676
Surr: 4-Bromofluorobenzene		82.1-116		115.0	%REC	50	06/02/2011 16:46	68676
Surr: Dibromofluoromethane		77.7-120		102.4	%REC	50	06/02/2011 16:46	68676
Surr: Toluene-d8		86-116		93.1	%REC	50	06/02/2011 16:46	68676

Marginal Exceedance for methylene chloride in LCS/LCSD is verified per NELAC Appendix D 1.1.2

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-005

Client Sample ID: P9-DE1.5-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 13:00

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	06/01/2011 17:30	R150188
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.4	%	1	06/01/2011 17:30	R150164
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.559		< 0.559	mg/Kg-dry	1	06/02/2011 8:12	R150214
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	J	0.36	mg/Kg-dry	1	06/02/2011 8:12	R150214
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		6.01	mg/Kg-dry	1	06/03/2011 9:31	68639
Barium	NELAP	0.49		18.1	mg/Kg-dry	1	06/03/2011 9:31	68639
Cadmium	NELAP	0.20	J	0.11	mg/Kg-dry	1	06/03/2011 9:31	68639
Chromium	NELAP	0.98		17.6	mg/Kg-dry	1	06/03/2011 9:31	68639
Lead	NELAP	3.92		11.6	mg/Kg-dry	1	06/03/2011 9:31	68639
Silver	NELAP	0.54		0.59	mg/Kg-dry	1	06/03/2011 9:31	68639
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	06/03/2011 11:11	68651
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.006	mg/Kg-dry	1	06/02/2011 0:00	68645
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.58	#	6.15	mg/Kg-dry	1	06/03/2011 12:48	68672
Kerosene	NELAP	5.58		ND	mg/Kg-dry	1	06/03/2011 12:48	68672
Mineral Spirits	NELAP	5.58		ND	mg/Kg-dry	1	06/03/2011 12:48	68672
Motor Oil	NELAP	5.58		ND	mg/Kg-dry	1	06/03/2011 12:48	68672
Surr: n-Tetracontane		50.6-140		100.6	%REC	1	06/03/2011 12:48	68672
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Naphthalene	NELAP	0.004		0.022	mg/Kg-dry	1	06/03/2011 23:15	68634
Phenanthrene	NELAP	0.004		0.006	mg/Kg-dry	1	06/03/2011 23:15	68634
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Surr: 2-Fluorobiphenyl		10-131		70.5	%REC	1	06/03/2011 23:15	68634
Surr: Nitrobenzene-d5		10-132		75.2	%REC	1	06/03/2011 23:15	68634
Surr: p-Terphenyl-d14		80.2-138		82.3	%REC	1	06/03/2011 23:15	68634

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-005

Client Sample ID: P9-DE1.5-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 13:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
1,2-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
1,3-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
1,4-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2,4,5-Trichlorophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2,4,6-Trichlorophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2,4-Dichlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2,4-Dimethylphenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2,4-Dinitrotoluene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2,6-Dinitrotoluene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2-Chloronaphthalene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2-Chlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2-Methoxy-4-methylphenol		0.727		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2-Methylnaphthalene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2-Nitrophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
3,3'-Dichlorobenzidine	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
4-Bromophenyl phenyl ether	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
4-Chloro-3-methylphenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
4-Chloroaniline	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
4-Chlorophenyl phenyl ether	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
4-Nitroaniline	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
4-Nitrophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Aniline	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Azobenzene		0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Benzidine	NELAP	1.18		see note	mg/Kg-dry	1	06/02/2011 14:52	68613
Benzoic acid	NELAP	1.68		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Benzyl alcohol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Bis(2-chloroethoxy)methane	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Bis(2-chloroethyl)ether	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Bis(2-chloroisopropyl)ether	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Butyl benzyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Carbazole		0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Dibenzofuran	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Diethyl phthalate	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Dimethyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Di-n-butyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Di-n-octyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Hexachlorobenzene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Hexachlorobutadiene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Hexachlorocyclopentadiene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Hexachloroethane	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Isophorone	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
m,p-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-005

Client Sample ID: P9-DE1.5-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 13:00

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	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
N-Nitrosodimethylamine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
N-Nitroso-di-n-propylamine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
N-Nitrosodiphenylamine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
o-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Pentachlorophenol	NELAP	2.24		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Phenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Pyridine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
1,2-Diphenylhydrazine		0.939		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Surr: 2,4,6-Tribromophenol		32.7-130		79.9	%REC	1	06/02/2011 14:52	68613
Surr: 2-Fluorobiphenyl		34.1-116		76.0	%REC	1	06/02/2011 14:52	68613
Surr: 2-Fluorophenol		30.5-99		71.7	%REC	1	06/02/2011 14:52	68613
Surr: Nitrobenzene-d5		34.1-101		77.1	%REC	1	06/02/2011 14:52	68613
Surr: Phenol-d5		34.9-110		76.3	%REC	1	06/02/2011 14:52	68613
Surr: p-Terphenyl-d14		41.7-124		88.5	%REC	1	06/02/2011 14:52	68613

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

Marginal Exceedance for 4-Nitrophenol, LCS is verified per NELAC Appendix D 1.1.2

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

1,1,1,2-Tetrachloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1,1-Trichloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1,2,2-Tetrachloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1,2-Trichloro-1,2,2-trifluoroethane		362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1,2-Trichloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1-Dichloro-2-propanone		3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1-Dichloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1-Dichloroethene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1-Dichloropropene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2,3-Trichlorobenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2,3-Trichloropropane	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2,3-Trimethylbenzene		362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2,4-Trichlorobenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2,4-Trimethylbenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2-Dibromo-3-chloropropane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2-Dibromoethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2-Dichlorobenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2-Dichloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2-Dichloropropane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,3,5-Trimethylbenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,3-Dichlorobenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,3-Dichloropropane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,4-Dichlorobenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1-Chlorobutane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
2,2-Dichloropropane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
2-Butanone	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
2-Chlorotoluene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
2-Hexanone	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
2-Nitropropane	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-005

Client Sample ID: P9-DE1.5-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 13:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
4-Chlorotoluene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
4-Methyl-2-pentanone	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Acetone	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Acetonitrile	NELAP	7230		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Acrolein	NELAP	7230		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Acrylonitrile	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Allyl chloride	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Benzene	NELAP	72.3		1620	µg/Kg-dry	50	06/02/2011 17:15	68676
Bromobenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Bromochloromethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Bromodichloromethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Bromoform	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Bromomethane	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Carbon disulfide	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Carbon tetrachloride	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Chlorobenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Chloroethane	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Chloroform	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Chloromethane	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
cis-1,2-Dichloroethene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
cis-1,3-Dichloropropene	NELAP	289		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Cyclohexanone		7230		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Dibromochloromethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Dibromomethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Dichlorodifluoromethane	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Ethyl acetate	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Ethyl ether	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Ethyl methacrylate	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Ethylbenzene	NELAP	362		412	µg/Kg-dry	50	06/02/2011 17:15	68676
Gasoline Range Organics (OA-1)		72300		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Heptane		1450		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Hexachlorobutadiene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Hexachloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Iodomethane	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Isopropylbenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
m,p-Xylenes	NELAP	362		946	µg/Kg-dry	50	06/02/2011 17:15	68676
Methacrylonitrile	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Methyl Methacrylate	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Methyl tert-butyl ether	NELAP	145		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Methylacrylate		723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Methylene chloride	NELAP	362	J	320	µg/Kg-dry	50	06/02/2011 17:15	68676
Naphthalene	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
n-Butylbenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
n-Hexane		1450		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Nitrobenzene	NELAP	7230		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
n-Propylbenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
o-Xylene	NELAP	362		724	µg/Kg-dry	50	06/02/2011 17:15	68676



## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Lab ID: 11060059-005

Client Sample ID: P9-DE1.5-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 13:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Pentachloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
p-Isopropyltoluene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Propionitrile	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
sec-Butylbenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Styrene	NELAP	362	J	190	µg/Kg-dry	50	06/02/2011 17:15	68676
tert-Butylbenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Tetrachloroethene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Tetrahydrofuran	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Toluene	NELAP	362		10000	µg/Kg-dry	50	06/02/2011 17:15	68676
trans-1,2-Dichloroethene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
trans-1,3-Dichloropropene	NELAP	289		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
trans-1,4-Dichloro-2-butene	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Trichloroethene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Trichlorofluoromethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Vinyl acetate	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Vinyl chloride	NELAP	145		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Xylenes, Total	NELAP	362		1670	µg/Kg-dry	50	06/02/2011 17:15	68676
Surr: 1,2-Dichloroethane-d4		72.2-131		104.7	%REC	50	06/02/2011 17:15	68676
Surr: 4-Bromofluorobenzene		82.1-116		112.7	%REC	50	06/02/2011 17:15	68676
Surr: Dibromofluoromethane		77.7-120		104.9	%REC	50	06/02/2011 17:15	68676
Surr: Toluene-d8		86-116		95.8	%REC	50	06/02/2011 17:15	68676

Marginal Exceedance for methylene chloride in LCS/LCSD 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:** 11060059

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

**Report Date:** 09-Jun-11

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11060059-001	30984T060111	Aqueous	5	06/01/2011 9:30
11060059-002	P9-E3-F (16)	Solid	5	06/01/2011 12:30
11060059-003	P9-E3-F (18)	Solid	5	06/01/2011 12:40
11060059-004	P9-DE1.5-F (16)	Solid	5	06/01/2011 12:50
11060059-005	P9-DE1.5-F (18)	Solid	5	06/01/2011 13:00





## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11060059-001A	30984T060111	06/01/2011 9:30	6/1/2011 5:07:00 PM	
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/01/2011 19:50	06/02/2011 16:20
11060059-001B	30984T060111	06/01/2011 9:30	6/1/2011 5:07:00 PM	
	Standard Method 18th Ed. 4500-H B, Laboratory Analyzed			06/01/2011 18:27
	Standard Methods 18th Ed. 2540 D			06/02/2011 9:00
	Standard Methods 18th Ed. 5210 B		06/02/2011 11:30	06/02/2011 11:30
11060059-001C	30984T060111	06/01/2011 9:30	6/1/2011 5:07:00 PM	
	SW-846 3005A, 6010B, Metals by ICP (Total)		06/02/2011 7:47	06/02/2011 12:25
	SW-846 3020A, Metals by GFAA (Total)		06/02/2011 7:46	06/02/2011 12:15
	SW-846 7470A (Total)		06/02/2011 9:30	06/02/2011 0:00
11060059-001D	30984T060111	06/01/2011 9:30	6/1/2011 5:07:00 PM	
	SW-846 9012A			06/03/2011 8:09
	SW-846 9012A (Total)			06/03/2011 8:09
11060059-001E	30984T060111	06/01/2011 9:30	6/1/2011 5:07:00 PM	
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS			06/01/2011 18:22
11060059-002A	P9-E3-F (16)	06/01/2011 12:30	6/1/2011 5:07:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		06/02/2011 11:09	06/03/2011 9:04
	SW-846 3050B, Metals by GFAA		06/02/2011 11:22	06/03/2011 10:54
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		06/02/2011 21:21	06/03/2011 11:20
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/01/2011 19:17	06/03/2011 20:16
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		06/01/2011 19:12	06/02/2011 12:13
	SW-846 7471A		06/02/2011 9:16	06/02/2011 0:00
11060059-002B	P9-E3-F (16)	06/01/2011 12:30	6/1/2011 5:07:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			06/01/2011 17:30
	Standard Methods 18th Ed. 2540 G			06/01/2011 17:30
	SW-846 9012A			06/03/2011 8:09
	SW-846 9012A (Total)			06/03/2011 8:09
11060059-002E	P9-E3-F (16)	06/01/2011 12:30	6/1/2011 5:07:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/02/2011 17:43
11060059-003A	P9-E3-F (18)	06/01/2011 12:40	6/1/2011 5:07:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		06/02/2011 11:09	06/03/2011 9:20
	SW-846 3050B, Metals by GFAA		06/02/2011 11:22	06/03/2011 10:57
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		06/02/2011 21:21	06/03/2011 11:37
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/01/2011 19:17	06/03/2011 20:52
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		06/01/2011 19:12	06/02/2011 13:48
	SW-846 7471A		06/02/2011 9:16	06/02/2011 0:00



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11060059-003B	P9-E3-F (18)	06/01/2011 12:40	6/1/2011 5:07:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			06/01/2011 17:30
	Standard Methods 18th Ed. 2540 G			06/01/2011 17:30
	SW-846 9012A			06/02/2011 8:12
	SW-846 9012A (Total)			06/02/2011 8:12
11060059-003E	P9-E3-F (18)	06/01/2011 12:40	6/1/2011 5:07:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/02/2011 16:18
11060059-004A	P9-DE1.5-F (16)	06/01/2011 12:50	6/1/2011 5:07:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		06/02/2011 11:09	06/03/2011 9:26
	SW-846 3050B, Metals by GFAA		06/02/2011 11:22	06/03/2011 11:01
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		06/02/2011 21:21	06/03/2011 11:55
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/01/2011 19:17	06/03/2011 22:39
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		06/01/2011 19:12	06/02/2011 14:20
	SW-846 7471A		06/02/2011 9:16	06/02/2011 0:00
11060059-004B	P9-DE1.5-F (16)	06/01/2011 12:50	6/1/2011 5:07:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			06/01/2011 17:30
	Standard Methods 18th Ed. 2540 G			06/01/2011 17:30
	SW-846 9012A			06/02/2011 8:12
	SW-846 9012A (Total)			06/02/2011 8:12
11060059-004E	P9-DE1.5-F (16)	06/01/2011 12:50	6/1/2011 5:07:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/02/2011 16:46
11060059-005A	P9-DE1.5-F (18)	06/01/2011 13:00	6/1/2011 5:07:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		06/02/2011 11:09	06/03/2011 9:31
	SW-846 3050B, Metals by GFAA		06/02/2011 11:22	06/03/2011 11:11
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		06/02/2011 21:21	06/03/2011 12:48
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/01/2011 19:17	06/03/2011 23:15
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		06/01/2011 19:12	06/02/2011 14:52
	SW-846 7471A		06/02/2011 9:16	06/02/2011 0:00
11060059-005B	P9-DE1.5-F (18)	06/01/2011 13:00	6/1/2011 5:07:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			06/01/2011 17:30
	Standard Methods 18th Ed. 2540 G			06/01/2011 17:30
	SW-846 9012A			06/02/2011 8:12
	SW-846 9012A (Total)			06/02/2011 8:12
11060059-005E	P9-DE1.5-F (18)	06/01/2011 13:00	6/1/2011 5:07:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/02/2011 17:15

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

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

Batch R150183		SampType: LCS		Units						Date Analyzed
SampID: LCS-R150183										
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	100.8	06/01/2011	

Batch R150183		SampType: DUP		Units		RPD Limit 10				Date Analyzed
SampID: 11060059-001BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Lab pH	1.00		7.45				7.450	0.00	06/01/2011	

### STANDARD METHODS 18TH ED. 2540 D

Batch R150198		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MB-R150198										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Suspended Solids	6		< 6						06/02/2011	

Batch R150198		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS-R150198										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Suspended Solids	6		98	100	0	98.0	85	115	06/02/2011	
Total Suspended Solids	6		97	100	0	97.0	85	115	06/02/2011	
Total Suspended Solids	6		98	100	0	98.0	85	115	06/02/2011	

Batch R150198		SampType: DUP		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 11060059-001BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Suspended Solids	6	J	5				5.000	0.00	06/02/2011	

### STANDARD METHODS 18TH ED. 2540 G

Batch R150164		SampType: LCS		Units %						Date Analyzed
SampID: LCS-R150164										
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	06/01/2011	

Batch R150164		SampType: LCSQC		Units %						Date Analyzed
SampID: LCSQC-R150164										
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	06/01/2011	

Batch R150164		SampType: DUP		Units %		RPD Limit 15				Date Analyzed
SampID: 11060059-004BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Solids	0.1		89.7				89.15	0.65	06/01/2011	

### STANDARD METHODS 18TH ED. 5210 B

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

**STANDARD METHODS 18TH ED. 5210 B**

Batch 68666		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS-68666										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Biochemical Oxygen Demand	5		186	198	0	93.9	84.6	115.4	06/02/2011	

Batch 68666		SampType: DUP		Units mg/L				RPD Limit 40		Date Analyzed
SampID: 11060059-001B-DUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Biochemical Oxygen Demand	5		47				50.00	6.19	06/02/2011	

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

Batch R150214		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MB-R150214										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.007		< 0.007						06/03/2011	
Cyanide	0.007		< 0.007						06/02/2011	
Cyanide	0.007		< 0.007						06/03/2011	
Cyanide	0.01		< 0.01						06/02/2011	

Batch R150214		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS-R150214										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.007		0.024	0.025	0	94.2	90	110	06/02/2011	
Cyanide	0.008	S	0.029	0.025	0	114.4	90	110	06/03/2011	
Cyanide	0.008		0.029	0.025	0	114.4	85	115	06/03/2011	
Cyanide	0.01		0.03	0.02	0	109.2	85	115	06/02/2011	

Batch R150214		SampType: MS		Units mg/L						Date Analyzed
SampID: 11060059-001DMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.073		0.288	0.025	0.2638	97.5	75	125	06/03/2011	

Batch R150214		SampType: MSD		Units mg/L				RPD Limit 15		Date Analyzed
SampID: 11060059-001DMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.070	S	0.263	0.025	0.2638	-2.8	0.2882	9.10	06/03/2011	

Batch R150214		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11060059-002BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.57		1.53	1.43	0	107.2	75	125	06/03/2011	

Batch R150214		SampType: MSD		Units mg/Kg-dry				RPD Limit 15		Date Analyzed
SampID: 11060059-002BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.57		1.43	1.43	0	99.7	1.532	7.19	06/03/2011	



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

### SW-846 9012A (TOTAL)

Batch R150214		SampType: MSD		Units mg/Kg-dry				RPD Limit 15		Date Analyzed
SampID: 11060059-002BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	

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

Batch 68638		SampType: MBLK		Units mg/L				RPD Limit 15		Date Analyzed
SampID: MB-68638										
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	06/02/2011	
Barium	0.0050		< 0.0050	0.0050	0	0	-100	100	06/02/2011	
Cadmium	0.0020		< 0.0020	0.0020	0	0	-100	100	06/02/2011	
Chromium	0.0100		< 0.0100	0.0100	0	0	-100	100	06/02/2011	
Selenium	0.0500		< 0.0500	0.0500	0	0	-100	100	06/02/2011	
Silver	0.0100		< 0.0100	0.0100	0	0	-100	100	06/02/2011	

### Batch 68638 SampType: LCS Units mg/L

Batch 68638		SampType: LCS		Units mg/L				RPD Limit 15		Date Analyzed
SampID: LCS-68638										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	0.0250		1.93	2.00	0	96.4	85	115	06/02/2011	
Barium	0.0050		1.96	2.00	0	98.2	85	115	06/02/2011	
Cadmium	0.0020		0.0483	0.0500	0	96.6	85	115	06/02/2011	
Chromium	0.0100		0.196	0.200	0	97.9	85	115	06/02/2011	
Selenium	0.0500		1.88	2.00	0	94.2	85	115	06/02/2011	
Silver	0.0100		0.0497	0.0500	0	99.4	85	115	06/02/2011	

### Batch 68638 SampType: MS Units mg/L

Batch 68638		SampType: MS		Units mg/L				RPD Limit 20		Date Analyzed
SampID: 11060059-001CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	0.0250		1.93	2.00	0	96.4	75	125	06/02/2011	
Barium	0.0050		2.41	2.00	0.5545	92.9	75	125	06/02/2011	
Cadmium	0.0020		0.0458	0.0500	0	91.6	75	125	06/02/2011	
Chromium	0.0100		0.187	0.200	0	93.6	75	125	06/02/2011	
Selenium	0.0500		1.87	2.00	0	93.6	75	125	06/02/2011	
Silver	0.0100		0.0487	0.0500	0	97.4	75	125	06/02/2011	

### Batch 68638 SampType: MSD Units mg/L

Batch 68638		SampType: MSD		Units mg/L				RPD Limit 20		Date Analyzed
SampID: 11060059-001CMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Arsenic	0.0250		1.91	2.00	0	95.5	1.929	0.99	06/02/2011	
Barium	0.0050		2.38	2.00	0.5545	91.5	2.412	1.17	06/02/2011	
Cadmium	0.0020		0.0454	0.0500	0	90.8	0.04580	0.88	06/02/2011	
Chromium	0.0100		0.186	0.200	0	93.1	0.1872	0.59	06/02/2011	
Selenium	0.0500		1.86	2.00	0	92.8	1.871	0.75	06/02/2011	
Silver	0.0100		0.0487	0.0500	0	97.4	0.04870	0.00	06/02/2011	

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

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

Batch 68637		SampType: MBLK		Units mg/L						
SampID: MB-68637										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead	7421	0.0020	< 0.0020	0.0020	0	0	-100	100	06/02/2011	

Batch 68637		SampType: LCS		Units mg/L						
SampID: LCS-68637										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead	7421	0.0020	0.0141	0.0150	0	94.1	80	120	06/02/2011	

Batch 68637		SampType: MS		Units mg/L						
SampID: 11060059-001CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead	7421	0.0020	0.0118	0.0150	0.0006611	74.5	70	130	06/02/2011	

Batch 68637		SampType: MSD		Units mg/L				RPD Limit 20		Date Analyzed	
SampID: 11060059-001CMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Lead	7421	0.0020	0.0133	0.0150	0.0006611	83.9	0.01183	11.32	06/02/2011		

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

Batch 68639		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-68639										
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	06/03/2011	
Arsenic	2.50		< 2.50	2.50	0	0	-100	100	06/03/2011	
Barium	0.50		< 0.50	0.50	0	0	-100	100	06/07/2011	
Barium	0.50		< 0.50	0.50	0	0	-100	100	06/03/2011	
Barium	0.50		< 0.50	0.50	0	0	-100	100	06/03/2011	
Cadmium	0.20		< 0.20	0.20	0	0	-100	100	06/03/2011	
Cadmium	0.20		< 0.20	0.20	0	0	-100	100	06/03/2011	
Chromium	1.00		< 1.00	1.00	0	0	-100	100	06/03/2011	
Chromium	1.00		< 1.00	1.00	0	0	-100	100	06/03/2011	
Lead	4.00		< 4.00	4.00	0	0	-100	100	06/03/2011	
Lead	4.00		< 4.00	4.00	0	0	-100	100	06/03/2011	
Silver	0.55		< 0.55	0.55	0	0	-100	100	06/03/2011	
Silver	0.55		< 0.55	0.55	0	0	-100	100	06/03/2011	

Batch 68639		SampType: LCS		Units mg/Kg-dry						
SampID: LCS-68639										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	2.50		186	200	0	93.0	85	115	06/03/2011	
Arsenic	2.50		198	200	0	98.9	85	115	06/03/2011	
Barium	0.50		201	200	0	100.6	85	115	06/07/2011	
Barium	0.50		182	200	0	91.1	85	115	06/03/2011	
Barium	0.50		204	200	0	102.2	85	115	06/03/2011	
Cadmium	0.20		4.77	5.00	0	95.4	85	115	06/03/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

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

<b>Batch 68639</b>		<b>SampType: LCS</b>		<b>Units mg/Kg-dry</b>						
SampID: LCS-68639										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cadmium	0.20		<b>5.03</b>	5.00	0	100.6	85	115	06/03/2011	
Chromium	1.00		<b>19.6</b>	20.0	0	97.9	85	115	06/03/2011	
Chromium	1.00		<b>21.5</b>	20.0	0	107.6	85	115	06/03/2011	
Lead	4.00		<b>47.1</b>	50.0	0	94.2	85	115	06/03/2011	
Lead	4.00		<b>50.8</b>	50.0	0	101.5	85	115	06/03/2011	
Silver	0.55		<b>5.18</b>	5.00	0	103.6	85	115	06/03/2011	
Silver	0.55		<b>4.76</b>	5.00	0	95.2	85	115	06/03/2011	

<b>Batch 68639</b>		<b>SampType: MS</b>		<b>Units mg/Kg-dry</b>						
SampID: 11060059-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	2.40		<b>193</b>	192	6.856	97.0	75	125	06/03/2011	
Barium	0.48		<b>199</b>	192	16.90	94.6	75	125	06/03/2011	
Cadmium	0.19		<b>4.43</b>	4.81	0	92.2	75	125	06/03/2011	
Chromium	0.96		<b>36.8</b>	19.2	16.73	104.6	75	125	06/03/2011	
Lead	3.85		<b>55.9</b>	48.1	11.67	92.0	75	125	06/03/2011	
Silver	0.53		<b>5.03</b>	4.81	0	104.6	75	125	06/03/2011	

<b>Batch 68639</b>		<b>SampType: MSD</b>		<b>Units mg/Kg-dry</b>				<b>RPD Limit 20</b>		Date Analyzed
SampID: 11060059-002AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Arsenic	2.40		<b>191</b>	192	6.856	95.7	193.4	1.30	06/03/2011	
Barium	0.48		<b>197</b>	192	16.90	93.5	198.8	1.07	06/03/2011	
Cadmium	0.19		<b>4.43</b>	4.81	0	92.2	4.433	0.00	06/03/2011	
Chromium	0.96		<b>36.6</b>	19.2	16.73	103.4	36.84	0.60	06/03/2011	
Lead	3.85		<b>55.4</b>	48.1	11.67	90.9	55.91	0.99	06/03/2011	
Silver	0.53		<b>5.11</b>	4.81	0	106.2	5.029	1.52	06/03/2011	

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

<b>Batch 68651</b>		<b>SampType: MBLK</b>		<b>Units mg/Kg-dry</b>						
SampID: MB-68651										
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	06/03/2011	

<b>Batch 68651</b>		<b>SampType: LCS</b>		<b>Units mg/Kg-dry</b>						
SampID: LCS-68651										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium	7740	0.600	<b>2.90</b>	3.00	0	96.8	80	120	06/03/2011	

<b>Batch 68651</b>		<b>SampType: MS</b>		<b>Units mg/Kg-dry</b>						
SampID: 11060059-004AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium	7740	0.588	<b>3.32</b>	2.94	0	113.0	70	130	06/03/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

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

Batch 68651		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11060059-004AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Selenium	7740	0.588	3.34	2.94	0	113.5	3.324	0.41	06/03/2011	

**SW-846 7470A (TOTAL)**

Batch 68646		SampType: MBLK		Units mg/L				RPD Limit 20		Date Analyzed
SampID: MB-68646										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury	0.00020		< 0.00020	0.00020	0	0	-100	100	06/02/2011	

Batch 68646		SampType: LCS		Units mg/L				RPD Limit 20		Date Analyzed
SampID: LCS-68646										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury	0.00020		0.00519	0.00500	0	103.8	85	115	06/02/2011	

Batch 68646		SampType: MS		Units mg/L				RPD Limit 20		Date Analyzed
SampID: 11060059-001CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury	0.00020		0.00503	0.00500	0	100.6	75	125	06/02/2011	

Batch 68646		SampType: MSD		Units mg/L				RPD Limit 15		Date Analyzed
SampID: 11060059-001CMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury	0.00020		0.00504	0.00500	0	100.8	0.005030	0.20	06/02/2011	

**SW-846 7471A**

Batch 68645		SampType: MBLK		Units mg/Kg				RPD Limit 20		Date Analyzed
SampID: MB-68645										
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	06/02/2011	

Batch 68645		SampType: LCS		Units mg/Kg				RPD Limit 20		Date Analyzed
SampID: LCS-68645										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury	0.010		0.250	0.250	0	99.8	85	115	06/02/2011	

Batch 68645		SampType: MS		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11060059-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury	0.011		0.284	0.269	0.005921	103.4	75	125	06/02/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

**SW-846 7471A**

Batch 68645	SampType: MSD	Units mg/Kg-dry					RPD Limit 15			
SampID: 11060059-002AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury	0.011		<b>0.283</b>	0.269	0.005921	103.0	0.2842	0.38	06/02/2011	

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

Batch 68636	SampType: MBLK	Units mg/L								
SampID: MB-68636										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		ND						06/02/2011	
Acenaphthylene	0.00010		ND						06/02/2011	
Anthracene	0.00010		ND						06/02/2011	
Benzo(a)anthracene	0.00010		ND						06/02/2011	
Benzo(a)pyrene	0.00010		ND						06/02/2011	
Benzo(b)fluoranthene	0.00010		ND						06/02/2011	
Benzo(g,h,i)perylene	0.00010		ND						06/02/2011	
Benzo(k)fluoranthene	0.00010		ND						06/02/2011	
Chrysene	0.00010		ND						06/02/2011	
Dibenzo(a,h)anthracene	0.00010		ND						06/02/2011	
Fluoranthene	0.00010		ND						06/02/2011	
Fluorene	0.00010		ND						06/02/2011	
Indeno(1,2,3-cd)pyrene	0.00010		ND						06/02/2011	
Naphthalene	0.00010		ND						06/02/2011	
Phenanthrene	0.00010		ND						06/02/2011	
Pyrene	0.00010		ND						06/02/2011	
Total PNAs except Naphthalene	0.00013		ND						06/02/2011	
Surr: 2-Fluorobiphenyl			<b>0.00422</b>	0.00500		84.4	45.4	97.6	06/02/2011	
Surr: 2-Fluorophenol			<b>0.00404</b>	0.0100		40.5	24.9	63.7	06/02/2011	
Surr: Nitrobenzene-d5			<b>0.00367</b>	0.00500		73.3	45.2	108	06/02/2011	
Surr: Phenol-d5			<b>0.00288</b>	0.0100		28.8	15.5	39.5	06/02/2011	
Surr: p-Terphenyl-d14			<b>0.00471</b>	0.00500		94.3	46	127	06/02/2011	

Batch 68636	SampType: LCS	Units mg/L								
SampID: LCS-68636										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		<b>0.00379</b>	0.00500	0	75.7	50.1	103	06/02/2011	
Acenaphthylene	0.00010		<b>0.00416</b>	0.00500	0	83.3	53.3	122	06/02/2011	
Anthracene	0.00010		<b>0.00423</b>	0.00500	0	84.6	57.4	110	06/02/2011	
Benzo(a)anthracene	0.00010		<b>0.00365</b>	0.00500	0	73.0	56	102	06/02/2011	
Benzo(a)pyrene	0.00010		<b>0.00405</b>	0.00500	0	81.0	55.4	125	06/02/2011	
Benzo(b)fluoranthene	0.00010		<b>0.00415</b>	0.00500	0	82.9	59.3	127	06/02/2011	
Benzo(g,h,i)perylene	0.00010		<b>0.00409</b>	0.00500	0	81.8	58.4	125	06/02/2011	
Benzo(k)fluoranthene	0.00010		<b>0.00402</b>	0.00500	0	80.4	61.5	125	06/02/2011	
Chrysene	0.00010		<b>0.00387</b>	0.00500	0	77.4	58.7	118	06/02/2011	
Dibenzo(a,h)anthracene	0.00010		<b>0.00415</b>	0.00500	0	83.0	59.3	126	06/02/2011	
Fluoranthene	0.00010		<b>0.00412</b>	0.00500	0	82.5	60.1	117	06/02/2011	
Fluorene	0.00010		<b>0.00390</b>	0.00500	0	77.9	54.1	110	06/02/2011	
Indeno(1,2,3-cd)pyrene	0.00010		<b>0.00415</b>	0.00500	0	82.9	58.1	123	06/02/2011	
Naphthalene	0.00010		<b>0.00380</b>	0.00500	0	75.9	36.3	97.1	06/02/2011	

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

Batch 68636		SampType: LCS		Units mg/L					
SampID: LCS-68636									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenanthrene	0.00010		<b>0.00399</b>	0.00500	0	79.7	55.9	107	06/02/2011
Pyrene	0.00010		<b>0.00412</b>	0.00500	0	82.5	61.4	116	06/02/2011
Surr: 2-Fluorobiphenyl			<b>0.00383</b>	0.00500		76.6	45.4	97.6	06/02/2011
Surr: 2-Fluorophenol			<b>0.00470</b>	0.0100		47.0	24.9	63.7	06/02/2011
Surr: Nitrobenzene-d5			<b>0.00387</b>	0.00500		77.5	45.2	108	06/02/2011
Surr: Phenol-d5			<b>0.00296</b>	0.0100		29.6	15.5	39.5	06/02/2011
Surr: p-Terphenyl-d14			<b>0.00525</b>	0.00500		105.1	46	127	06/02/2011

Batch 68636		SampType: LCSD		Units mg/L		RPD Limit 50			
SampID: LCSD-68636									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.00010		<b>0.00412</b>	0.00500	0	82.4	0.003786	8.43	06/02/2011
Acenaphthylene	0.00010		<b>0.00454</b>	0.00500	0	90.7	0.004163	8.60	06/02/2011
Anthracene	0.00010		<b>0.00477</b>	0.00500	0	95.3	0.004228	11.96	06/02/2011
Benzo(a)anthracene	0.00010		<b>0.00411</b>	0.00500	0	82.2	0.003648	11.91	06/02/2011
Benzo(a)pyrene	0.00010		<b>0.00474</b>	0.00500	0	94.8	0.004050	15.72	06/02/2011
Benzo(b)fluoranthene	0.00010		<b>0.00472</b>	0.00500	0	94.4	0.004145	12.97	06/02/2011
Benzo(g,h,i)perylene	0.00010		<b>0.00465</b>	0.00500	0	93.1	0.004091	12.85	06/02/2011
Benzo(k)fluoranthene	0.00010		<b>0.00459</b>	0.00500	0	91.8	0.004019	13.29	06/02/2011
Chrysene	0.00010		<b>0.00445</b>	0.00500	0	89.0	0.003870	13.99	06/02/2011
Dibenzo(a,h)anthracene	0.00010		<b>0.00470</b>	0.00500	0	94.0	0.004152	12.42	06/02/2011
Fluoranthene	0.00010		<b>0.00464</b>	0.00500	0	92.7	0.004123	11.71	06/02/2011
Fluorene	0.00010		<b>0.00447</b>	0.00500	0	89.5	0.003897	13.76	06/02/2011
Indeno(1,2,3-cd)pyrene	0.00010		<b>0.00470</b>	0.00500	0	93.9	0.004147	12.44	06/02/2011
Naphthalene	0.00010		<b>0.00383</b>	0.00500	0	76.6	0.003795	0.92	06/02/2011
Phenanthrene	0.00010		<b>0.00444</b>	0.00500	0	88.7	0.003987	10.64	06/02/2011
Pyrene	0.00010		<b>0.00460</b>	0.00500	0	92.0	0.004125	10.93	06/02/2011
Surr: 2-Fluorobiphenyl			<b>0.00381</b>	0.00500		76.2			06/02/2011
Surr: 2-Fluorophenol			<b>0.00499</b>	0.0100		49.9			06/02/2011
Surr: Nitrobenzene-d5			<b>0.00376</b>	0.00500		75.3			06/02/2011
Surr: Phenol-d5			<b>0.00316</b>	0.0100		31.6			06/02/2011
Surr: p-Terphenyl-d14			<b>0.00556</b>	0.00500		111.3			06/02/2011

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

Batch 68672		SampType: MBLK		Units mg/Kg					
SampID: MB-68672									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Diesel	5.00		<b>ND</b>						06/03/2011
Kerosene	5.00		<b>ND</b>						06/03/2011
Mineral Spirits	5.00		<b>ND</b>						06/03/2011
Motor Oil	5.00		<b>ND</b>						06/03/2011
Surr: n-Tetracontane			<b>0.71</b>	0.67		106.5	54.8	128	06/03/2011

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

Batch 68672		SampType: LCS		Units mg/Kg						
SampID: LCS-68672										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.00		<b>15.6</b>	16.7	0	93.3	40.4	121	06/03/2011	
Surr: n-Tetracontane			<b>0.74</b>	0.67		109.8	54.8	128	06/03/2011	

Batch 68672		SampType: MS		Units mg/Kg-dry						
SampID: 11060059-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.72		<b>31.0</b>	19.1	15.19	82.6	20.3	167	06/03/2011	
Surr: n-Tetracontane			<b>0.80</b>	0.77		105.0	53.9	153	06/03/2011	

Batch 68672		SampType: MSD		Units mg/Kg-dry				RPD Limit 34		Date Analyzed	
SampID: 11060059-002AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Diesel	5.72		<b>28.1</b>	19.1	15.19	67.7	30.97	9.71	06/03/2011		
Surr: n-Tetracontane			<b>0.77</b>	0.77		100.5			06/03/2011		

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

Batch 68634		SampType: MBLK		Units mg/Kg						
SampID: MB-68634										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		ND						06/03/2011	
Acenaphthylene	0.003		ND						06/03/2011	
Anthracene	0.003		ND						06/03/2011	
Benzo(a)anthracene	0.003		ND						06/03/2011	
Benzo(a)pyrene	0.003		ND						06/03/2011	
Benzo(b)fluoranthene	0.003		ND						06/03/2011	
Benzo(g,h,i)perylene	0.003		ND						06/03/2011	
Benzo(k)fluoranthene	0.003		ND						06/03/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						06/03/2011	
Chrysene	0.003		ND						06/03/2011	
Dibenzo(a,h)anthracene	0.003		ND						06/03/2011	
Fluoranthene	0.003		ND						06/03/2011	
Fluorene	0.003		ND						06/03/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						06/03/2011	
Naphthalene	0.003		ND						06/03/2011	
Phenanthrene	0.003		ND						06/03/2011	
Pyrene	0.003		ND						06/03/2011	
Surr: 2-Fluorobiphenyl			<b>0.129</b>	0.167		77.2	45.7	89.2	06/03/2011	
Surr: Nitrobenzene-d5			<b>0.118</b>	0.167		70.5	31.4	100	06/03/2011	
Surr: p-Terphenyl-d14			<b>0.150</b>	0.167		89.8	53.3	124	06/03/2011	

Batch 68634		SampType: LCS		Units mg/Kg						
SampID: LCS-68634										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		<b>0.134</b>	0.167	0	80.5	56.3	115	06/03/2011	
Acenaphthylene	0.003		<b>0.131</b>	0.167	0	78.2	60.3	143	06/03/2011	

**Client:** PSC Industrial Outsourcing, LP

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

Batch 68634		SampType: LCS		Units mg/Kg						
SampID: LCS-68634										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Anthracene	0.003		0.123	0.167	0	73.9	52.1	109	06/03/2011	
Benzo(a)anthracene	0.003		0.126	0.167	0	75.5	52.8	112	06/03/2011	
Benzo(a)pyrene	0.003		0.130	0.167	0	77.7	40.8	127	06/03/2011	
Benzo(b)fluoranthene	0.003		0.147	0.167	0	87.8	50.1	150	06/03/2011	
Benzo(g,h,i)perylene	0.003		0.138	0.167	0	82.5	52.8	145	06/03/2011	
Benzo(k)fluoranthene	0.003		0.140	0.167	0	83.8	52	153	06/03/2011	
Bis(2-ethylhexyl)phthalate	0.067		0.159	0.167	0	95.2	50	150	06/03/2011	
Chrysene	0.003		0.136	0.167	0	81.2	60.8	128	06/03/2011	
Dibenzo(a,h)anthracene	0.003		0.144	0.167	0	86.0	54.9	150	06/03/2011	
Fluoranthene	0.003		0.140	0.167	0	84.0	58.7	125	06/03/2011	
Fluorene	0.003		0.129	0.167	0	77.5	57.8	125	06/03/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.142	0.167	0	85.1	52	147	06/03/2011	
Naphthalene	0.003		0.119	0.167	0	71.3	54.8	113	06/03/2011	
Phenanthrene	0.003		0.131	0.167	0	78.2	60.4	121	06/03/2011	
Pyrene	0.003		0.139	0.167	0	83.3	57.9	129	06/03/2011	
Surr: 2-Fluorobiphenyl			0.109	0.167		65.0	45.7	89.2	06/03/2011	
Surr: Nitrobenzene-d5			0.110	0.167		65.6	31.4	100	06/03/2011	
Surr: p-Terphenyl-d14			0.142	0.167		85.0	53.3	124	06/03/2011	

Batch 68634		SampType: MS		Units mg/Kg-dry						
SampID: 11060059-003AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.004		0.126	0.186	0	67.9	36	135	06/03/2011	
Acenaphthylene	0.004		0.154	0.186	0	82.8	17.2	167	06/03/2011	
Anthracene	0.004		0.167	0.186	0	89.8	39.3	124	06/03/2011	
Benzo(a)anthracene	0.004		0.157	0.186	0	84.4	10	183	06/03/2011	
Benzo(a)pyrene	0.004		0.174	0.186	0	93.9	10	204	06/03/2011	
Benzo(b)fluoranthene	0.004		0.183	0.186	0	98.3	10.6	178	06/03/2011	
Benzo(g,h,i)perylene	0.004		0.171	0.186	0	92.2	10	168	06/03/2011	
Benzo(k)fluoranthene	0.004		0.173	0.186	0	92.9	27.6	181	06/03/2011	
Bis(2-ethylhexyl)phthalate	0.075		0.189	0.186	0	101.9	50	150	06/03/2011	
Chrysene	0.004		0.161	0.186	0	86.8	10	176	06/03/2011	
Dibenzo(a,h)anthracene	0.004		0.177	0.186	0	95.2	12.2	156	06/03/2011	
Fluoranthene	0.004		0.173	0.186	0	93.4	10	227	06/03/2011	
Fluorene	0.004		0.156	0.186	0	84.0	35.2	148	06/03/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.174	0.186	0	93.6	10	164	06/03/2011	
Naphthalene	0.004		0.143	0.186	0.005868	73.6	14.7	128	06/03/2011	
Phenanthrene	0.004		0.166	0.186	0.005204	86.4	32.8	143	06/03/2011	
Pyrene	0.004		0.175	0.186	0	94.2	10	180	06/03/2011	
Surr: 2-Fluorobiphenyl			0.103	0.186		55.4	10	131	06/03/2011	
Surr: Nitrobenzene-d5			0.119	0.186		64.0	10	132	06/03/2011	
Surr: p-Terphenyl-d14			0.148	0.186		79.8	30.6	131	06/03/2011	

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

Batch 68634		SampType: MSD		Units mg/Kg-dry				RPD Limit 49.7		Date Analyzed
SampID: 11060059-003AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Acenaphthene	0.004		0.129	0.186	0	69.2	0.1262	1.89	06/03/2011	
Acenaphthylene	0.004		0.155	0.186	0	83.7	0.1538	1.02	06/03/2011	
Anthracene	0.004		0.164	0.186	0	88.4	0.1669	1.60	06/03/2011	
Benzo(a)anthracene	0.004		0.158	0.186	0	84.9	0.1568	0.49	06/03/2011	
Benzo(a)pyrene	0.004		0.176	0.186	0	94.6	0.1745	0.62	06/03/2011	
Benzo(b)fluoranthene	0.004		0.182	0.186	0	97.9	0.1826	0.48	06/03/2011	
Benzo(g,h,i)perylene	0.004		0.168	0.186	0	90.4	0.1712	2.00	06/03/2011	
Benzo(k)fluoranthene	0.004		0.175	0.186	0	94.4	0.1726	1.50	06/03/2011	
Bis(2-ethylhexyl)phthalate	0.075		0.194	0.186	0	104.3	0.1894	2.25	06/03/2011	
Chrysene	0.004		0.164	0.186	0	88.1	0.1613	1.36	06/03/2011	
Dibenzo(a,h)anthracene	0.004		0.175	0.186	0	94.2	0.1769	1.11	06/03/2011	
Fluoranthene	0.004		0.173	0.186	0	93.0	0.1735	0.42	06/03/2011	
Fluorene	0.004		0.159	0.186	0	85.8	0.1560	2.13	06/03/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.172	0.186	0	92.5	0.1738	1.17	06/03/2011	
Naphthalene	0.004		0.146	0.186	0.005868	75.2	0.1425	2.08	06/03/2011	
Phenanthrene	0.004		0.168	0.186	0.005204	87.7	0.1656	1.41	06/03/2011	
Pyrene	0.004		0.177	0.186	0	95.3	0.1750	1.12	06/03/2011	
Surr: 2-Fluorobiphenyl			0.080	0.186		43.2			06/03/2011	
Surr: Nitrobenzene-d5			0.115	0.186		62.2			06/03/2011	
Surr: p-Terphenyl-d14			0.152	0.186		81.7			06/03/2011	

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

Batch 68613		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68613										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,2,4-Trichlorobenzene	0.500		ND						06/02/2011	
1,2-Dichlorobenzene	0.500		ND						06/02/2011	
1,3-Dichlorobenzene	0.500		ND						06/02/2011	
1,4-Dichlorobenzene	0.500		ND						06/02/2011	
2,4,5-Trichlorophenol	0.350		ND						06/02/2011	
2,4,6-Trichlorophenol	0.350		ND						06/02/2011	
2,4-Dichlorophenol	0.500		ND						06/02/2011	
2,4-Dimethylphenol	0.500		ND						06/02/2011	
2,4-Dinitrophenol	1.00		ND						06/02/2011	
2,4-Dinitrotoluene	0.350		ND						06/02/2011	
2,6-Dinitrotoluene	0.350		ND						06/02/2011	
2-Chloronaphthalene	0.350		ND						06/02/2011	
2-Chlorophenol	0.500		ND						06/02/2011	
2-Methoxy-4-methylphenol	0.650		ND						06/02/2011	
2-Methylnaphthalene	0.350		ND						06/02/2011	
2-Nitroaniline	1.00		ND						06/02/2011	
2-Nitrophenol	0.350		ND						06/02/2011	
3,3'-Dichlorobenzidine	0.350		ND						06/02/2011	
3-Nitroaniline	1.00		ND						06/02/2011	
4,6-Dinitro-2-methylphenol	1.00		ND						06/02/2011	
4-Bromophenyl phenyl ether	0.350		ND						06/02/2011	

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

Batch 68613		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68613										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
4-Chloro-3-methylphenol	0.500		ND						06/02/2011	
4-Chloroaniline	0.500		ND						06/02/2011	
4-Chlorophenyl phenyl ether	0.350		ND						06/02/2011	
4-Nitroaniline	0.500		ND						06/02/2011	
4-Nitrophenol	0.350		ND						06/02/2011	
Aniline	0.500		ND						06/02/2011	
Azobenzene	0.350		ND						06/02/2011	
Benzidine	1.06		ND						06/02/2011	
Benzoic acid	1.50		ND						06/02/2011	
Benzyl alcohol	0.500		ND						06/02/2011	
Bis(2-chloroethoxy)methane	0.350		ND						06/02/2011	
Bis(2-chloroethyl)ether	0.500		ND						06/02/2011	
Bis(2-chloroisopropyl)ether	0.350		ND						06/02/2011	
Butyl benzyl phthalate	0.350		ND						06/02/2011	
Carbazole	0.500		ND						06/02/2011	
Dibenzofuran	0.350		ND						06/02/2011	
Diethyl phthalate	0.500		ND						06/02/2011	
Dimethyl phthalate	0.350		ND						06/02/2011	
Di-n-butyl phthalate	0.350		ND						06/02/2011	
Di-n-octyl phthalate	0.350		ND						06/02/2011	
Hexachlorobenzene	0.350		ND						06/02/2011	
Hexachlorobutadiene	0.500		ND						06/02/2011	
Hexachlorocyclopentadiene	0.350		ND						06/02/2011	
Hexachloroethane	0.500		ND						06/02/2011	
Isophorone	0.350		ND						06/02/2011	
m,p-Cresol	0.500		ND						06/02/2011	
Nitrobenzene	0.500		ND						06/02/2011	
N-Nitrosodimethylamine	0.500		ND						06/02/2011	
N-Nitroso-di-n-propylamine	0.500		ND						06/02/2011	
N-Nitrosodiphenylamine	0.500		ND						06/02/2011	
o-Cresol	0.500		ND						06/02/2011	
Pentachlorophenol	2.00		ND						06/02/2011	
Phenol	0.350		ND						06/02/2011	
Pyridine	0.500		ND						06/02/2011	
1,2-Diphenylhydrazine	0.840		ND						06/02/2011	
Surr: 2,4,6-Tribromophenol			1.84	1.67		110.3	52.1	113	06/02/2011	
Surr: 2-Fluorobiphenyl			0.771	0.835		92.3	46.3	106	06/02/2011	
Surr: 2-Fluorobiphenyl			0.710	0.835		85.1	46.3	106	06/02/2011	
Surr: 2-Fluorophenol			1.47	1.67		88.0	50.6	89	06/02/2011	
Surr: Nitrobenzene-d5			0.639	0.835		76.5	42.4	99.2	06/02/2011	
Surr: Nitrobenzene-d5			0.756	0.835		90.6	42.4	99.2	06/02/2011	
Surr: Phenol-d5			1.50	1.67		89.7	55.9	98.5	06/02/2011	
Surr: p-Terphenyl-d14			0.876	0.835		105.0	45.5	115	06/02/2011	
Surr: p-Terphenyl-d14			0.810	0.835		97.0	45.5	115	06/02/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

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

Batch 68613		SampType: LCS		Units mg/Kg						
SampID: LCS-68613										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		1.42	1.67	0	85.1	43.9	92.2	06/02/2011	
1,4-Dichlorobenzene	0.500		1.28	1.67	0	76.7	43.8	84.1	06/02/2011	
2,4,5-Trichlorophenol	0.350		3.03	3.33	0	91.1	38.6	123	06/02/2011	
2,4,6-Trichlorophenol	0.350		3.14	3.33	0	94.3	35.9	123	06/02/2011	
2,4-Dimethylphenol	0.500		2.77	3.33	0	83.2	38.3	88	06/02/2011	
2,4-Dinitrophenol	1.00		3.03	3.33	0	91.0	1.88	162	06/02/2011	
2,4-Dinitrotoluene	0.350		1.58	1.67	0	94.6	48.6	102	06/02/2011	
2-Chlorophenol	0.500		2.65	3.33	0	79.5	46.6	84	06/02/2011	
4-Chloro-3-methylphenol	0.500		3.15	3.33	0	94.7	51.5	94.9	06/02/2011	
4-Nitrophenol	0.350	S	3.62	3.33	0	108.6	53.2	104	06/02/2011	
Diethyl phthalate	0.500		2.98	3.33	0	89.5	51.7	106	06/02/2011	
Dimethyl phthalate	0.350		3.00	3.33	0	90.0	58.8	104	06/02/2011	
Di-n-butyl phthalate	0.350		1.57	1.67	0	94.2	54.3	105	06/02/2011	
Hexachlorobenzene	0.350		3.28	3.33	0	98.6	55.9	106	06/02/2011	
Hexachlorobutadiene	0.500		2.94	3.33	0	88.4	35.7	100	06/02/2011	
Hexachloroethane	0.500		2.51	3.33	0	75.5	38.9	89.9	06/02/2011	
m,p-Cresol	0.500		1.41	1.67	0	84.5	37.6	93.7	06/02/2011	
Nitrobenzene	0.500		2.57	3.33	0	77.2	51.8	104	06/02/2011	
N-Nitroso-di-n-propylamine	0.500		1.38	1.67	0	82.7	49.1	94.5	06/02/2011	
o-Cresol	0.500		1.40	1.67	0	83.9	43	101	06/02/2011	
Pentachlorophenol	2.00		2.60	3.33	0	78.1	42.2	102	06/02/2011	
Phenol	0.350		2.64	3.33	0	79.1	41.6	81.3	06/02/2011	
Pyridine	0.500		1.82	3.33	0	54.8	3.61	74.3	06/02/2011	
Surr: 2,4,6-Tribromophenol			1.58	1.67		94.7	52.1	113	06/02/2011	
Surr: 2-Fluorobiphenyl			0.592	0.835		70.9	46.3	106	06/02/2011	
Surr: 2-Fluorobiphenyl			0.618	0.835		74.0	46.3	106	06/02/2011	
Surr: 2-Fluorophenol			1.21	1.67		72.3	50.6	89	06/02/2011	
Surr: Nitrobenzene-d5			0.562	0.835		67.3	42.4	99.2	06/02/2011	
Surr: Nitrobenzene-d5			0.687	0.835		82.3	42.4	99.2	06/02/2011	
Surr: Phenol-d5			1.23	1.67		73.4	55.9	98.5	06/02/2011	
Surr: p-Terphenyl-d14			0.720	0.835		86.2	45.5	115	06/02/2011	
Surr: p-Terphenyl-d14			0.781	0.835		93.5	45.5	115	06/02/2011	

Batch 68613		SampType: LCS		Units %REC						
SampID: LCS-DRO-68613										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.666	0.835		79.8	46.3	106	06/02/2011	
Surr: Nitrobenzene-d5			0.592	0.835		70.9	42.4	99.2	06/02/2011	
Surr: p-Terphenyl-d14			0.771	0.835		92.4	45.5	115	06/02/2011	

Batch 68613		SampType: MS		Units mg/Kg-dry						
SampID: 11060059-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.572		1.45	1.91	0	76.0	35.9	102	06/02/2011	
1,4-Dichlorobenzene	0.572		1.32	1.91	0	69.2	29.8	95.5	06/02/2011	
2,4,5-Trichlorophenol	0.400		2.71	3.81	0	71.2	38.6	123	06/02/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

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

Batch 68613		SampType: MS		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11060059-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
2,4,6-Trichlorophenol	0.400		<b>3.01</b>	3.81	0	78.9	35.9	123	06/02/2011	
2,4-Dimethylphenol	0.572		<b>3.04</b>	3.81	0	79.8	38.3	88	06/02/2011	
2,4-Dinitrophenol	1.14		<b>1.91</b>	3.81	0	50.2	1.88	162	06/02/2011	
2,4-Dinitrotoluene	0.400		<b>1.61</b>	1.91	0	84.5	37.5	107	06/02/2011	
2-Chlorophenol	0.572		<b>2.81</b>	3.81	0	73.7	22.6	108	06/02/2011	
4-Chloro-3-methylphenol	0.572		<b>3.26</b>	3.81	0	85.6	19.3	131	06/02/2011	
4-Nitrophenol	0.400		<b>3.40</b>	3.81	0	89.4	27.6	123	06/02/2011	
Diethyl phthalate	0.572		<b>3.05</b>	3.81	0	80.2	51.7	106	06/02/2011	
Dimethyl phthalate	0.400		<b>3.03</b>	3.81	0	79.5	58.8	104	06/02/2011	
Di-n-butyl phthalate	0.400		<b>1.58</b>	1.91	0	82.9	54.3	105	06/02/2011	
Hexachlorobenzene	0.400		<b>3.27</b>	3.81	0	85.8	55.9	106	06/02/2011	
Hexachlorobutadiene	0.572		<b>3.04</b>	3.81	0	79.7	35.7	100	06/02/2011	
Hexachloroethane	0.572		<b>2.56</b>	3.81	0	67.1	38.9	89.9	06/02/2011	
m,p-Cresol	0.572		<b>1.49</b>	1.91	0	78.3	37.6	93.7	06/02/2011	
Nitrobenzene	0.572		<b>2.68</b>	3.81	0	70.3	51.8	104	06/02/2011	
N-Nitroso-di-n-propylamine	0.572		<b>1.43</b>	1.91	0	74.6	45.5	99.1	06/02/2011	
o-Cresol	0.572		<b>1.51</b>	1.91	0	79.2	43	101	06/02/2011	
Pentachlorophenol	2.29	J	<b>1.5</b>	3.81	0	40.3	18.5	113	06/02/2011	
Phenol	0.400		<b>2.80</b>	3.81	0	73.5	20.8	110	06/02/2011	
Pyridine	0.572		<b>2.15</b>	3.81	0	56.5	3.61	74.3	06/02/2011	
Surr: 2,4,6-Tribromophenol			<b>1.74</b>	1.91		91.2	32.7	130	06/02/2011	
Surr: 2-Fluorobiphenyl			<b>0.732</b>	0.955		76.7	34.1	116	06/02/2011	
Surr: 2-Fluorophenol			<b>1.38</b>	1.91		72.3	30.5	99	06/02/2011	
Surr: Nitrobenzene-d5			<b>0.692</b>	0.955		72.5	34.1	101	06/02/2011	
Surr: Phenol-d5			<b>1.42</b>	1.91		74.2	34.9	110	06/02/2011	
Surr: p-Terphenyl-d14			<b>0.883</b>	0.955		92.5	41.7	124	06/02/2011	

Batch 68613		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11060059-002AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,2,4-Trichlorobenzene	0.570		<b>1.54</b>	1.90	0	80.9	1.451	5.90	06/02/2011	
1,4-Dichlorobenzene	0.570		<b>1.38</b>	1.90	0	72.3	1.322	4.03	06/02/2011	
2,4,5-Trichlorophenol	0.399		<b>2.95</b>	3.79	0	77.7	2.710	8.38	06/02/2011	
2,4,6-Trichlorophenol	0.399		<b>3.21</b>	3.79	0	84.6	3.006	6.54	06/02/2011	
2,4-Dimethylphenol	0.570		<b>3.21</b>	3.79	0	84.7	3.038	5.57	06/02/2011	
2,4-Dinitrophenol	1.14		<b>2.16</b>	3.79	0	56.9	1.910	12.20	06/02/2011	
2,4-Dinitrotoluene	0.399		<b>1.70</b>	1.90	0	89.1	1.614	4.95	06/02/2011	
2-Chlorophenol	0.570		<b>2.96</b>	3.79	0	78.0	2.807	5.31	06/02/2011	
4-Chloro-3-methylphenol	0.570		<b>3.41</b>	3.79	0	90.0	3.259	4.63	06/02/2011	
4-Nitrophenol	0.399		<b>3.58</b>	3.79	0	94.2	3.405	4.89	06/02/2011	
Diethyl phthalate	0.570		<b>3.19</b>	3.79	0	84.1	3.053	4.36	06/02/2011	
Dimethyl phthalate	0.399		<b>3.22</b>	3.79	0	84.8	3.028	6.04	06/02/2011	
Di-n-butyl phthalate	0.399		<b>1.62</b>	1.90	0	85.2	1.583	2.35	06/02/2011	
Hexachlorobenzene	0.399		<b>3.47</b>	3.79	0	91.4	3.268	5.95	06/02/2011	
Hexachlorobutadiene	0.570		<b>3.26</b>	3.79	0	85.8	3.036	7.03	06/02/2011	
Hexachloroethane	0.570		<b>2.66</b>	3.79	0	70.0	2.557	3.78	06/02/2011	
m,p-Cresol	0.570		<b>1.60</b>	1.90	0	84.1	1.494	6.89	06/02/2011	



Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

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

Batch 68613		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11060059-002AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrobenzene	0.570		2.85	3.79	0	75.0	2.676	6.21	06/02/2011	
N-Nitroso-di-n-propylamine	0.570		1.48	1.90	0	77.8	1.425	3.83	06/02/2011	
o-Cresol	0.570		1.62	1.90	0	85.0	1.512	6.69	06/02/2011	
Pentachlorophenol	2.28	J	1.8	3.79	0	47.1	1.533	0.00	06/02/2011	
Phenol	0.399		2.95	3.79	0	77.7	2.801	5.19	06/02/2011	
Pyridine	0.570		2.25	3.79	0	59.3	2.151	4.49	06/02/2011	
Surr: 2,4,6-Tribromophenol			1.68	1.90		88.3			06/02/2011	
Surr: 2-Fluorobiphenyl			0.741	0.951		77.9			06/02/2011	
Surr: 2-Fluorophenol			1.39	1.90		73.3			06/02/2011	
Surr: Nitrobenzene-d5			0.701	0.951		73.7			06/02/2011	
Surr: Phenol-d5			1.45	1.90		76.5			06/02/2011	
Surr: p-Terphenyl-d14			0.851	0.951		89.4			06/02/2011	

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

Batch 68658		SampType: MBLK		Units µg/L				RPD Limit 40		Date Analyzed
SampID: MBLK-T110601-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		ND						06/01/2011	
Ethylbenzene	5.0		ND						06/01/2011	
Toluene	5.0		ND						06/01/2011	
Xylenes, Total	5.0		ND						06/01/2011	
Surr: 1,2-Dichloroethane-d4			55.4	50.0		110.8	74.7	129	06/01/2011	
Surr: 4-Bromofluorobenzene			52.1	50.0		104.1	86	119	06/01/2011	
Surr: Dibromofluoromethane			54.4	50.0		108.9	81.7	123	06/01/2011	
Surr: Toluene-d8			46.8	50.0		93.6	84.3	114	06/01/2011	

Batch 68658		SampType: LCSD		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCSD-T110601-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		48.4	50.0	0	96.8	50.40	4.01	06/01/2011	
Ethylbenzene	5.0		49.3	50.0	0	98.7	51.41	4.11	06/01/2011	
Toluene	5.0		46.7	50.0	0	93.3	47.58	1.93	06/01/2011	
Xylenes, Total	5.0		146	150	0	97.2	153.4	5.02	06/01/2011	
Surr: 1,2-Dichloroethane-d4			59.1	50.0		118.2			06/01/2011	
Surr: 4-Bromofluorobenzene			52.8	50.0		105.6			06/01/2011	
Surr: Dibromofluoromethane			56.7	50.0		113.5			06/01/2011	
Surr: Toluene-d8			47.2	50.0		94.3			06/01/2011	

Batch 68658		SampType: LCS		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCS-T110601-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		50.4	50.0	0	100.8	82.7	117	06/01/2011	
Ethylbenzene	5.0		51.4	50.0	0	102.8	83	113	06/01/2011	
Toluene	5.0		47.6	50.0	0	95.2	79.6	116	06/01/2011	
Xylenes, Total	5.0		153	150	0	102.2	80.3	120	06/01/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

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

Batch 68658		SampType: LCS		Units µg/L						
SampID: LCS-T110601-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 1,2-Dichloroethane-d4			58.2	50.0		116.4	74.7	129	06/01/2011	
Surr: 4-Bromofluorobenzene			51.5	50.0		102.9	86	119	06/01/2011	
Surr: Dibromofluoromethane			56.6	50.0		113.3	81.7	123	06/01/2011	
Surr: Toluene-d8			47.3	50.0		94.6	84.3	114	06/01/2011	

Batch 68658		SampType: MS		Units µg/L						
SampID: 11060059-001EMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		54.3	60.0	0	90.6	57.8	125	06/01/2011	
Ethylbenzene	5.0		62.4	60.0	0	104.0	72.8	123	06/01/2011	
Toluene	5.0		56.0	60.0	0	93.4	75.8	123	06/01/2011	
Xylenes, Total	5.0		124	120	0	103.6	73	127	06/01/2011	
Surr: 1,2-Dichloroethane-d4			55.8	50.0		111.7	74.7	129	06/01/2011	
Surr: 4-Bromofluorobenzene			52.3	50.0		104.6	86	119	06/01/2011	
Surr: Dibromofluoromethane			54.6	50.0		109.2	81.7	123	06/01/2011	
Surr: Toluene-d8			46.7	50.0		93.5	84.3	114	06/01/2011	

Batch 68658		SampType: MSD		Units µg/L				RPD Limit 20			
SampID: 11060059-001EMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Benzene	2.0		53.4	60.0	0	89.0	54.34	1.76	06/01/2011		
Ethylbenzene	5.0		61.5	60.0	0	102.5	62.41	1.44	06/01/2011		
Toluene	5.0		55.9	60.0	0	93.1	56.02	0.27	06/01/2011		
Xylenes, Total	5.0		122	120	0	101.6	124.4	1.96	06/01/2011		
Surr: 1,2-Dichloroethane-d4			56.1	50.0		112.2			06/01/2011		
Surr: 4-Bromofluorobenzene			51.2	50.0		102.5			06/01/2011		
Surr: Dibromofluoromethane			53.9	50.0		107.9			06/01/2011		
Surr: Toluene-d8			46.6	50.0		93.3			06/01/2011		

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

Batch 68676		SampType: MBLK		Units µg/Kg						
SampID: MBLK-A110602-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		ND						06/02/2011	
1,1,1-Trichloroethane	5.00		ND						06/02/2011	
1,1,2,2-Tetrachloroethane	5.00		ND						06/02/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		ND						06/02/2011	
1,1,2-Trichloroethane	5.00		ND						06/02/2011	
1,1-Dichloro-2-propanone	50.0		ND						06/02/2011	
1,1-Dichloroethane	5.00		ND						06/02/2011	
1,1-Dichloroethene	5.00		ND						06/02/2011	
1,1-Dichloropropene	5.00		ND						06/02/2011	
1,2,3-Trichlorobenzene	5.00		ND						06/02/2011	
1,2,3-Trichloropropane	10.0		ND						06/02/2011	
1,2,3-Trimethylbenzene	5.00		ND						06/02/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-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 68676	SampType: MBLK		Units µg/Kg						
SampID: MBLK-A110602-1									
1,2,4-Trichlorobenzene	5.00		ND						06/02/2011
1,2,4-Trimethylbenzene	5.00		ND						06/02/2011
1,2-Dibromo-3-chloropropane	5.00		ND						06/02/2011
1,2-Dibromoethane	5.00		ND						06/02/2011
1,2-Dichlorobenzene	5.00		ND						06/02/2011
1,2-Dichloroethane	5.00		ND						06/02/2011
1,2-Dichloropropane	5.00		ND						06/02/2011
1,3,5-Trimethylbenzene	5.00		ND						06/02/2011
1,3-Dichlorobenzene	5.00		ND						06/02/2011
1,3-Dichloropropane	5.00		ND						06/02/2011
1,4-Dichlorobenzene	5.00		ND						06/02/2011
1-Chlorobutane	5.00		ND						06/02/2011
2,2-Dichloropropane	5.00		ND						06/02/2011
2-Butanone	50.0		ND						06/02/2011
2-Chlorotoluene	5.00		ND						06/02/2011
2-Hexanone	50.0		ND						06/02/2011
2-Nitropropane	50.0		ND						06/02/2011
4-Chlorotoluene	5.00		ND						06/02/2011
4-Methyl-2-pentanone	50.0		ND						06/02/2011
Acetone	50.0		ND						06/02/2011
Acetonitrile	100		ND						06/02/2011
Acrolein	100		ND						06/02/2011
Acrylonitrile	10.0		ND						06/02/2011
Allyl chloride	5.00		ND						06/02/2011
Benzene	1.00		ND						06/02/2011
Bromobenzene	5.00		ND						06/02/2011
Bromochloromethane	5.00		ND						06/02/2011
Bromodichloromethane	5.00		ND						06/02/2011
Bromoform	5.00		ND						06/02/2011
Bromomethane	10.0		ND						06/02/2011
Carbon disulfide	5.00		ND						06/02/2011
Carbon tetrachloride	5.00		ND						06/02/2011
Chlorobenzene	5.00		ND						06/02/2011
Chloroethane	10.0		ND						06/02/2011
Chloroform	5.00		ND						06/02/2011
Chloromethane	10.0		ND						06/02/2011
cis-1,2-Dichloroethene	5.00		ND						06/02/2011
cis-1,3-Dichloropropene	4.00		ND						06/02/2011
Cyclohexanone	100		ND						06/02/2011
Dibromochloromethane	5.00		ND						06/02/2011
Dibromomethane	5.00		ND						06/02/2011
Dichlorodifluoromethane	10.0		ND						06/02/2011
Ethyl acetate	50.0		ND						06/02/2011
Ethyl ether	5.00		ND						06/02/2011
Ethyl methacrylate	5.00		ND						06/02/2011
Ethylbenzene	5.00		ND						06/02/2011
Heptane	20.0		ND						06/02/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

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

Batch 68676		SampType: MBLK		Units µg/Kg						
SampID: MBLK-A110602-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Hexachlorobutadiene	5.00		ND						06/02/2011	
Hexachloroethane	5.00		ND						06/02/2011	
Iodomethane	10.0		ND						06/02/2011	
Isopropylbenzene	5.00		ND						06/02/2011	
m,p-Xylenes	5.00		ND						06/02/2011	
Methacrylonitrile	50.0		ND						06/02/2011	
Methyl Methacrylate	5.00		ND						06/02/2011	
Methyl tert-butyl ether	2.00		ND						06/02/2011	
Methylacrylate	10.0		ND						06/02/2011	
Methylene chloride	5.00	J	2.9						06/02/2011	
Naphthalene	10.0		ND						06/02/2011	
n-Butylbenzene	5.00		ND						06/02/2011	
n-Hexane	20.0		ND						06/02/2011	
Nitrobenzene	100		ND						06/02/2011	
n-Propylbenzene	5.00		ND						06/02/2011	
o-Xylene	5.00		ND						06/02/2011	
Pentachloroethane	5.00		ND						06/02/2011	
p-Isopropyltoluene	5.00		ND						06/02/2011	
Propionitrile	50.0		ND						06/02/2011	
sec-Butylbenzene	5.00		ND						06/02/2011	
Styrene	5.00		ND						06/02/2011	
tert-Butylbenzene	5.00		ND						06/02/2011	
Tetrachloroethene	5.00		ND						06/02/2011	
Tetrahydrofuran	50.0		ND						06/02/2011	
Toluene	5.00	J	2.4						06/02/2011	
trans-1,2-Dichloroethene	5.00		ND						06/02/2011	
trans-1,3-Dichloropropene	4.00		ND						06/02/2011	
trans-1,4-Dichloro-2-butene	10.0		ND						06/02/2011	
Trichloroethene	5.00		ND						06/02/2011	
Trichlorofluoromethane	5.00		ND						06/02/2011	
Vinyl acetate	50.0		ND						06/02/2011	
Vinyl chloride	2.00		ND						06/02/2011	
Xylenes, Total	5.00		ND						06/02/2011	
Gasoline Range Organics (OA-1)	1000		ND						06/02/2011	
Surr: 1,2-Dichloroethane-d4			49.9	50.0		99.9	72.2	131	06/02/2011	
Surr: 4-Bromofluorobenzene			54.2	50.0		108.4	82.1	116	06/02/2011	
Surr: Dibromofluoromethane			52.0	50.0		104.0	77.7	120	06/02/2011	
Surr: Toluene-d8			47.3	50.0		94.7	86	116	06/02/2011	

Batch 68676		SampType: LCS		Units µg/Kg						
SampID: LCS-A110602-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		50.0	50.0	0	100	0	200	06/02/2011	
1,1,1-Trichloroethane	5.00		51.2	50.0	0	102.5	85.8	124	06/02/2011	
1,1,2,2-Tetrachloroethane	5.00		41.8	50.0	0	83.6	0	200	06/02/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		38.7	50.0	0	77.4	0	200	06/02/2011	
1,1,2-Trichloroethane	5.00		46.8	50.0	0	93.5	0	200	06/02/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

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

Batch 68676		SampType: LCS		Units µg/Kg											
SampID: LCS-A110602-1						Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1-Dichloro-2-propanone	50.0		<b>117</b>	125	0	93.5	0	200	06/02/2011						
1,1-Dichloroethane	5.00		<b>44.3</b>	50.0	0	88.6	0	200	06/02/2011						
1,1-Dichloroethene	5.00		<b>38.5</b>	50.0	0	77.0	60.1	131	06/02/2011						
1,1-Dichloropropene	5.00		<b>47.2</b>	50.0	0	94.5	0	200	06/02/2011						
1,2,3-Trichlorobenzene	5.00		<b>49.0</b>	50.0	0	98.0	0	200	06/02/2011						
1,2,3-Trichloropropane	10.0		<b>44.8</b>	50.0	0	89.7	0	200	06/02/2011						
1,2,3-Trimethylbenzene	5.00		<b>43.6</b>	50.0	0	87.1	0	200	06/02/2011						
1,2,4-Trichlorobenzene	5.00		<b>48.0</b>	50.0	0	96.1	0	200	06/02/2011						
1,2,4-Trimethylbenzene	5.00		<b>43.2</b>	50.0	0	86.4	0	200	06/02/2011						
1,2-Dibromo-3-chloropropane	5.00		<b>48.2</b>	50.0	0	96.4	0	200	06/02/2011						
1,2-Dibromoethane	5.00		<b>47.4</b>	50.0	0	94.8	86.9	119	06/02/2011						
1,2-Dichlorobenzene	5.00		<b>45.3</b>	50.0	0	90.6	88	119	06/02/2011						
1,2-Dichloroethane	5.00		<b>52.0</b>	50.0	0	103.9	73	117	06/02/2011						
1,2-Dichloropropane	5.00		<b>46.4</b>	50.0	0	92.8	0	200	06/02/2011						
1,3,5-Trimethylbenzene	5.00		<b>43.7</b>	50.0	0	87.3	0	200	06/02/2011						
1,3-Dichlorobenzene	5.00		<b>45.1</b>	50.0	0	90.1	85.8	125	06/02/2011						
1,3-Dichloropropane	5.00		<b>44.6</b>	50.0	0	89.3	0	200	06/02/2011						
1,4-Dichlorobenzene	5.00		<b>44.7</b>	50.0	0	89.4	84.5	124	06/02/2011						
1-Chlorobutane	5.00		<b>38.9</b>	50.0	0	77.8	0	200	06/02/2011						
2,2-Dichloropropane	5.00		<b>49.1</b>	50.0	0	98.3	0	200	06/02/2011						
2-Butanone	50.0		<b>105</b>	125	0	83.8	45.3	136	06/02/2011						
2-Chlorotoluene	5.00		<b>43.1</b>	50.0	0	86.2	0	200	06/02/2011						
2-Hexanone	50.0		<b>101</b>	125	0	81.2	0	200	06/02/2011						
2-Nitropropane	50.0		<b>546</b>	500	0	109.2	0	200	06/02/2011						
4-Chlorotoluene	5.00		<b>43.7</b>	50.0	0	87.5	0	200	06/02/2011						
4-Methyl-2-pentanone	50.0		<b>116</b>	125	0	93.1	0	200	06/02/2011						
Acetone	50.0		<b>113</b>	125	0	90.7	0	200	06/02/2011						
Acetonitrile	100		<b>448</b>	500	0	89.5	0	200	06/02/2011						
Acrylonitrile	10.0		<b>41.9</b>	50.0	0	83.8	0	200	06/02/2011						
Allyl chloride	5.00		<b>40.8</b>	50.0	0	81.6	0	200	06/02/2011						
Benzene	1.00		<b>45.8</b>	50.0	0	91.7	73.9	109	06/02/2011						
Bromobenzene	5.00		<b>45.0</b>	50.0	0	90.0	0	200	06/02/2011						
Bromochloromethane	5.00		<b>45.9</b>	50.0	0	91.8	0	200	06/02/2011						
Bromodichloromethane	5.00		<b>53.4</b>	50.0	0	106.9	91.3	126	06/02/2011						
Bromoform	5.00		<b>54.2</b>	50.0	0	108.4	0	200	06/02/2011						
Bromomethane	10.0		<b>27.8</b>	50.0	0	55.7	0	200	06/02/2011						
Carbon disulfide	5.00		<b>32.9</b>	50.0	0	65.7	0	200	06/02/2011						
Carbon tetrachloride	5.00		<b>53.1</b>	50.0	0	106.2	83.3	127	06/02/2011						
Chlorobenzene	5.00		<b>47.1</b>	50.0	0	94.3	85.8	116	06/02/2011						
Chloroethane	10.0		<b>30.1</b>	50.0	0	60.2	0	200	06/02/2011						
Chloroform	5.00		<b>52.0</b>	50.0	0	104.0	80	113	06/02/2011						
Chloromethane	10.0		<b>11.1</b>	50.0	0	22.3	0	200	06/02/2011						
cis-1,2-Dichloroethene	5.00		<b>47.8</b>	50.0	0	95.5	0	200	06/02/2011						
cis-1,3-Dichloropropene	4.00		<b>50.0</b>	50.0	0	100	0	200	06/02/2011						
Cyclohexanone	100		<b>223</b>	250	0	89.3	0	200	06/02/2011						
Dibromochloromethane	5.00		<b>49.7</b>	50.0	0	99.5	89.1	119	06/02/2011						
Dibromomethane	5.00		<b>52.8</b>	50.0	0	105.7	0	200	06/02/2011						

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

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

Batch 68676		SampType: LCS		Units µg/Kg							Date Analyzed
SampID: LCS-A110602-1											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Dichlorodifluoromethane	10.0	J	2.8	50.0	0	5.7	0	200	06/02/2011		
Ethyl acetate	50.0	J	44	50.0	0	88.2	0	200	06/02/2011		
Ethyl ether	5.00		40.7	50.0	0	81.5	0	200	06/02/2011		
Ethyl methacrylate	5.00		45.4	50.0	0	90.9	0	200	06/02/2011		
Ethylbenzene	5.00		47.0	50.0	0	94.0	84.1	115	06/02/2011		
Heptane	20.0		42.8	50.0	0	85.5	0	200	06/02/2011		
Hexachlorobutadiene	5.00		47.4	50.0	0	94.7	0	200	06/02/2011		
Hexachloroethane	5.00		45.4	50.0	0	90.8	0	200	06/02/2011		
Iodomethane	10.0		45.7	50.0	0	91.4	0	200	06/02/2011		
Isopropylbenzene	5.00		49.0	50.0	0	98.1	0	200	06/02/2011		
m,p-Xylenes	5.00		93.1	100	0	93.1	79.1	111	06/02/2011		
Methacrylonitrile	50.0	J	48	50.0	0	96.3	0	200	06/02/2011		
Methyl Methacrylate	5.00		49.8	50.0	0	99.6	0	200	06/02/2011		
Methyl tert-butyl ether	2.00		48.2	50.0	0	96.5	80	128	06/02/2011		
Methylacrylate	10.0		45.8	50.0	0	91.6	0	200	06/02/2011		
Methylene chloride	5.00	S	58.8	50.0	0	117.6	73.9	116	06/02/2011		
Naphthalene	10.0		44.3	50.0	0	88.6	73.1	135	06/02/2011		
n-Butylbenzene	5.00		44.5	50.0	0	89.0	0	200	06/02/2011		
n-Hexane	20.0		33.2	50.0	0	66.5	0	200	06/02/2011		
Nitrobenzene	100		402	500	0	80.4	0	200	06/02/2011		
n-Propylbenzene	5.00		42.6	50.0	0	85.3	0	200	06/02/2011		
o-Xylene	5.00		47.6	50.0	0	95.2	82	117	06/02/2011		
Pentachloroethane	5.00		48.0	50.0	0	96.0	0	200	06/02/2011		
p-Isopropyltoluene	5.00		44.7	50.0	0	89.3	0	200	06/02/2011		
Propionitrile	50.0		464	500	0	92.8	0	200	06/02/2011		
sec-Butylbenzene	5.00		43.5	50.0	0	87.1	0	200	06/02/2011		
Styrene	5.00		48.3	50.0	0	96.6	0	200	06/02/2011		
tert-Butylbenzene	5.00		44.2	50.0	0	88.5	0	200	06/02/2011		
Tetrachloroethene	5.00		47.5	50.0	0	94.9	74.6	115	06/02/2011		
Tetrahydrofuran	50.0	J	50	50.0	0	99.9	0	200	06/02/2011		
Toluene	5.00		44.9	50.0	0	89.8	79.1	112	06/02/2011		
trans-1,2-Dichloroethene	5.00		41.8	50.0	0	83.5	0	200	06/02/2011		
trans-1,3-Dichloropropene	4.00		46.8	50.0	0	93.7	0	200	06/02/2011		
trans-1,4-Dichloro-2-butene	10.0		42.8	50.0	0	85.6	0	200	06/02/2011		
Trichloroethene	5.00		51.5	50.0	0	103.0	81	111	06/02/2011		
Trichlorofluoromethane	5.00		36.3	50.0	0	72.5	0	200	06/02/2011		
Vinyl acetate	50.0	J	44	50.0	0	87.2	0	200	06/02/2011		
Vinyl chloride	2.00		19.4	50.0	0	38.8	0	200	06/02/2011		
Xylenes, Total	5.00		141	150	0	93.8	79.1	117	06/02/2011		
Surr: 1,2-Dichloroethane-d4			52.7	50.0		105.3	72.2	131	06/02/2011		
Surr: 4-Bromofluorobenzene			55.9	50.0		111.7	82.1	116	06/02/2011		
Surr: Dibromofluoromethane			53.5	50.0		106.9	77.7	120	06/02/2011		
Surr: Toluene-d8			46.6	50.0		93.2	86	116	06/02/2011		

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

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

Batch 68676		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-A110602-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		50.2	50.0	0	100.4	50.00	0.44	06/02/2011	
1,1,1-Trichloroethane	5.00		52.2	50.0	0	104.3	51.25	1.74	06/02/2011	
1,1,2,2-Tetrachloroethane	5.00		40.3	50.0	0	80.6	41.78	3.61	06/02/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		39.8	50.0	0	79.7	38.69	2.90	06/02/2011	
1,1,2-Trichloroethane	5.00		45.8	50.0	0	91.6	46.77	2.05	06/02/2011	
1,1-Dichloro-2-propanone	50.0		110	125	0	88.2	116.8	5.84	06/02/2011	
1,1-Dichloroethane	5.00		45.2	50.0	0	90.5	44.31	2.08	06/02/2011	
1,1-Dichloroethene	5.00		38.7	50.0	0	77.4	38.48	0.60	06/02/2011	
1,1-Dichloropropene	5.00		47.7	50.0	0	95.3	47.25	0.86	06/02/2011	
1,2,3-Trichlorobenzene	5.00		47.9	50.0	0	95.8	49.02	2.35	06/02/2011	
1,2,3-Trichloropropane	10.0		42.7	50.0	0	85.4	44.83	4.87	06/02/2011	
1,2,3-Trimethylbenzene	5.00		44.6	50.0	0	89.2	43.55	2.40	06/02/2011	
1,2,4-Trichlorobenzene	5.00		47.8	50.0	0	95.5	48.04	0.56	06/02/2011	
1,2,4-Trimethylbenzene	5.00		44.1	50.0	0	88.3	43.19	2.18	06/02/2011	
1,2-Dibromo-3-chloropropane	5.00		44.8	50.0	0	89.6	48.18	7.29	06/02/2011	
1,2-Dibromoethane	5.00		46.3	50.0	0	92.7	47.40	2.28	06/02/2011	
1,2-Dichlorobenzene	5.00		45.4	50.0	0	90.9	45.29	0.31	06/02/2011	
1,2-Dichloroethane	5.00		52.1	50.0	0	104.2	51.96	0.25	06/02/2011	
1,2-Dichloropropane	5.00		47.2	50.0	0	94.5	46.39	1.82	06/02/2011	
1,3,5-Trimethylbenzene	5.00		44.6	50.0	0	89.1	43.66	2.06	06/02/2011	
1,3-Dichlorobenzene	5.00		46.1	50.0	0	92.2	45.06	2.33	06/02/2011	
1,3-Dichloropropane	5.00		44.8	50.0	0	89.7	44.65	0.42	06/02/2011	
1,4-Dichlorobenzene	5.00		45.1	50.0	0	90.1	44.70	0.80	06/02/2011	
1-Chlorobutane	5.00		39.8	50.0	0	79.5	38.90	2.19	06/02/2011	
2,2-Dichloropropane	5.00		50.3	50.0	0	100.6	49.14	2.35	06/02/2011	
2-Butanone	50.0		91.9	125	0	73.5	104.8	13.06	06/02/2011	
2-Chlorotoluene	5.00		44.1	50.0	0	88.2	43.09	2.34	06/02/2011	
2-Hexanone	50.0		92.1	125	0	73.7	101.4	9.64	06/02/2011	
2-Nitropropane	50.0		501	500	0	100.1	545.8	8.65	06/02/2011	
4-Chlorotoluene	5.00		44.2	50.0	0	88.4	43.74	1.05	06/02/2011	
4-Methyl-2-pentanone	50.0		107	125	0	85.9	116.4	8.09	06/02/2011	
Acetone	50.0		103	125	0	82.2	113.3	9.75	06/02/2011	
Acetonitrile	100		420	500	0	84.0	447.7	6.41	06/02/2011	
Acrylonitrile	10.0		38.6	50.0	0	77.3	41.90	8.07	06/02/2011	
Allyl chloride	5.00		41.2	50.0	0	82.4	40.80	1.00	06/02/2011	
Benzene	1.00		46.6	50.0	0	93.2	45.85	1.62	06/02/2011	
Bromobenzene	5.00		45.6	50.0	0	91.2	44.99	1.37	06/02/2011	
Bromochloromethane	5.00		45.8	50.0	0	91.5	45.92	0.35	06/02/2011	
Bromodichloromethane	5.00		54.1	50.0	0	108.2	53.43	1.23	06/02/2011	
Bromoform	5.00		52.1	50.0	0	104.2	54.20	3.91	06/02/2011	
Bromomethane	10.0		28.0	50.0	0	55.9	27.84	0.39	06/02/2011	
Carbon disulfide	5.00		33.3	50.0	0	66.5	32.87	1.21	06/02/2011	
Carbon tetrachloride	5.00		53.0	50.0	0	106.1	53.09	0.09	06/02/2011	
Chlorobenzene	5.00		47.2	50.0	0	94.3	47.14	0.02	06/02/2011	
Chloroethane	10.0		30.5	50.0	0	61.0	30.11	1.25	06/02/2011	
Chloroform	5.00		52.3	50.0	0	104.6	52.02	0.50	06/02/2011	
Chloromethane	10.0		11.1	50.0	0	22.2	11.14	0.36	06/02/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

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

Batch 68676	SampType: LCSD	Units µg/Kg		RPD Limit 40				Date Analyzed		
SampID: LCSD-A110602-1		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
cis-1,2-Dichloroethene	5.00			<b>48.7</b>	50.0	0	97.4	47.75	1.95	06/02/2011
cis-1,3-Dichloropropene	4.00			<b>50.6</b>	50.0	0	101.1	49.98	1.17	06/02/2011
Cyclohexanone	100			<b>209</b>	250	0	83.7	223.2	6.43	06/02/2011
Dibromochloromethane	5.00			<b>49.7</b>	50.0	0	99.5	49.73	0.00	06/02/2011
Dibromomethane	5.00			<b>52.6</b>	50.0	0	105.1	52.83	0.49	06/02/2011
Dichlorodifluoromethane	10.0		J	<b>2.7</b>	50.0	0	5.3	2.830	0.00	06/02/2011
Ethyl acetate	50.0		J	<b>41</b>	50.0	0	81.5	44.08	0.00	06/02/2011
Ethyl ether	5.00			<b>40.2</b>	50.0	0	80.4	40.73	1.28	06/02/2011
Ethyl methacrylate	5.00			<b>43.8</b>	50.0	0	87.5	45.44	3.74	06/02/2011
Ethylbenzene	5.00			<b>46.9</b>	50.0	0	93.8	47.01	0.28	06/02/2011
Heptane	20.0			<b>44.0</b>	50.0	0	87.9	42.75	2.81	06/02/2011
Hexachlorobutadiene	5.00			<b>48.4</b>	50.0	0	96.8	47.36	2.19	06/02/2011
Hexachloroethane	5.00			<b>46.7</b>	50.0	0	93.3	45.42	2.71	06/02/2011
Iodomethane	10.0			<b>47.8</b>	50.0	0	95.6	45.72	4.49	06/02/2011
Isopropylbenzene	5.00			<b>49.2</b>	50.0	0	98.5	49.05	0.41	06/02/2011
m,p-Xylenes	5.00			<b>93.3</b>	100	0	93.3	93.07	0.29	06/02/2011
Methacrylonitrile	50.0		J	<b>45</b>	50.0	0	90.7	48.13	0.00	06/02/2011
Methyl Methacrylate	5.00			<b>46.8</b>	50.0	0	93.6	49.80	6.23	06/02/2011
Methyl tert-butyl ether	2.00			<b>46.9</b>	50.0	0	93.8	48.25	2.88	06/02/2011
Methylacrylate	10.0			<b>42.6</b>	50.0	0	85.2	45.79	7.26	06/02/2011
Methylene chloride	5.00		S	<b>59.4</b>	50.0	0	118.8	58.80	1.02	06/02/2011
Naphthalene	10.0			<b>41.4</b>	50.0	0	82.8	44.32	6.76	06/02/2011
n-Butylbenzene	5.00			<b>45.0</b>	50.0	0	90.0	44.50	1.12	06/02/2011
n-Hexane	20.0			<b>34.1</b>	50.0	0	68.2	33.23	2.64	06/02/2011
Nitrobenzene	100			<b>361</b>	500	0	72.2	402.1	10.77	06/02/2011
n-Propylbenzene	5.00			<b>44.1</b>	50.0	0	88.2	42.64	3.34	06/02/2011
o-Xylene	5.00			<b>48.2</b>	50.0	0	96.3	47.58	1.21	06/02/2011
Pentachloroethane	5.00			<b>49.3</b>	50.0	0	98.6	48.00	2.63	06/02/2011
p-Isopropyltoluene	5.00			<b>46.1</b>	50.0	0	92.1	44.66	3.11	06/02/2011
Propionitrile	50.0			<b>416</b>	500	0	83.1	464.1	11.04	06/02/2011
sec-Butylbenzene	5.00			<b>45.5</b>	50.0	0	90.9	43.54	4.31	06/02/2011
Styrene	5.00			<b>48.9</b>	50.0	0	97.9	48.32	1.25	06/02/2011
tert-Butylbenzene	5.00			<b>45.7</b>	50.0	0	91.3	44.23	3.18	06/02/2011
Tetrachloroethene	5.00			<b>48.0</b>	50.0	0	96.1	47.46	1.19	06/02/2011
Tetrahydrofuran	50.0		J	<b>45</b>	50.0	0	90.9	49.94	0.00	06/02/2011
Toluene	5.00			<b>45.8</b>	50.0	0	91.6	44.88	1.99	06/02/2011
trans-1,2-Dichloroethene	5.00			<b>42.2</b>	50.0	0	84.4	41.76	1.05	06/02/2011
trans-1,3-Dichloropropene	4.00			<b>46.6</b>	50.0	0	93.3	46.85	0.47	06/02/2011
trans-1,4-Dichloro-2-butene	10.0			<b>41.0</b>	50.0	0	81.9	42.78	4.32	06/02/2011
Trichloroethene	5.00			<b>52.8</b>	50.0	0	105.7	51.49	2.61	06/02/2011
Trichlorofluoromethane	5.00			<b>36.4</b>	50.0	0	72.7	36.27	0.28	06/02/2011
Vinyl acetate	50.0		J	<b>42</b>	50.0	0	83.8	43.61	0.00	06/02/2011
Vinyl chloride	2.00			<b>19.6</b>	50.0	0	39.3	19.38	1.38	06/02/2011
Xylenes, Total	5.00			<b>142</b>	150	0	94.3	140.7	0.60	06/02/2011
Surr: 1,2-Dichloroethane-d4				<b>50.9</b>	50.0		101.8			06/02/2011
Surr: 4-Bromofluorobenzene				<b>55.9</b>	50.0		111.8			06/02/2011
Surr: Dibromofluoromethane				<b>52.9</b>	50.0		105.8			06/02/2011



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 09-Jun-11

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

Batch 68676		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-A110602-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Surr: Toluene-d8			<b>46.9</b>	50.0		93.8			06/02/2011	

Batch 68676		SampType: LCSG		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSG-A110602-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Gasoline Range Organics (OA-1)	1000		<b>2110</b>	2000	0	105.5	70	130	06/02/2011	
Surr: 1,2-Dichloroethane-d4			<b>51.0</b>	50.0		102.0	61	128	06/02/2011	
Surr: 4-Bromofluorobenzene			<b>56.3</b>	50.0		112.5	78.2	117	06/02/2011	
Surr: Dibromofluoromethane			<b>50.2</b>	50.0		100.4	66.6	130	06/02/2011	
Surr: Toluene-d8			<b>47.1</b>	50.0		94.3	80.1	122	06/02/2011	

Batch 68676		SampType: LCSGD		Units µg/Kg				RPD Limit 20		Date Analyzed
SampID: LCSGD-A110602-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Gasoline Range Organics (OA-1)	1000		<b>2030</b>	2000	0	101.6	2111	3.84	06/02/2011	
Surr: 1,2-Dichloroethane-d4			<b>50.6</b>	50.0		101.2			06/02/2011	
Surr: 4-Bromofluorobenzene			<b>56.3</b>	50.0		112.5			06/02/2011	
Surr: Dibromofluoromethane			<b>50.6</b>	50.0		101.2			06/02/2011	
Surr: Toluene-d8			<b>47.0</b>	50.0		94.0			06/02/2011	



# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 09-Jun-11

Carrier: Michael Flora

Received By: JM

Completed by:

Reviewed by:

On:

On:

01-Jun-11

02-Jun-11

Dawn Brantley

Elizabeth A. Hurley

Pages to follow:

Chain of custody

1

Extra pages included

0

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 13.4
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"/>		

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

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

COC Serial No. **B** 10023

11060059

Project Name: Champaign MGP Project Mgr.: P. Szegoma  
Project Number: 624-0908-0120 Cost Code: SD002

Sampler(s): Flora

Laboratory Name: Teklab, Inc

Location: Collinsville, FL

Sample Number and (depth) 30984T06011 Date 6/1/11 Time 0930

Total Number of Containers 7

Analyses by Method Name and Number

Method Name and Number	TPH (041/042)	VOC (8260)	BOD	pH	TSS	CN - total & Amenable	PCRA Metals	SVOC (8270)	SVOC (8270SIN)	BTEX (8260)
	X	X	X	X	X	X	X	X	X	X
		X				X	X	X	X	X
		X				X	X	X	X	X
		X				X	X	X	X	X
		X				X	X	X	X	X

Laboratory Temperature upon Receipt  
13.4

Comments (Field PID)  
Post  
Zero headspace -  
Jun 1 11 11

Lab ID #s  
11060059  
001

# 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:

Requested TAT:  Rush  5 Days  STD  Other

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

Send Invoice to: B. Martin

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

Special Guidelines:

Reporting Limits: FLTAG IAC 740/742

\* Special:

Shipping:

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

Signature: Michelle Far Date: 6/1/11 Time: 1707

Relinquished by:

Signature: Michelle Far Date: 6/1/11 Time: 1707

Received by:

Signature: JMCD Date: 6/1/11 Time: 1707

June 06, 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:** 11060059

Dear Pete Sazama:

TEKLAB, INC received 5 samples on 6/1/2011 5:07:00 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:** 11060059

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

**Report Date:** 06-Jun-11

**Cooler Receipt Temp:** 13.4 °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

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.



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060059

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

**Report Date:** 06-Jun-11

**Lab ID:** 11060059-001

**Client Sample ID:** 30984T060111

**Matrix:** AQUEOUS

**Collection Date:** 06/01/2011 9:30

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>7.45</b>		1	06/01/2011 18:27	R150183	
<b>STANDARD METHODS 18TH ED. 2540 D</b>									
Total Suspended Solids	NELAP	6	J	<b>5</b>	mg/L	1	06/02/2011 9:00	R150198	
<b>SW-846 9012A</b>									
Cyanide, Amenable to Chlorination		0.073		<b>0.188</b>	mg/L	10	06/03/2011 8:09	R150214	
<b>SW-846 9012A (TOTAL)</b>									
Cyanide	NELAP	0.073	S	<b>0.264</b>	mg/L	10	06/03/2011 8:09	R150214	
<i>Sample concentration was greater than 5 times the spike concentration.</i>									
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0250		<b>&lt; 0.0250</b>	mg/L	1	06/02/2011 12:25	68638	
Barium	NELAP	0.0050		<b>0.554</b>	mg/L	1	06/02/2011 12:25	68638	
Cadmium	NELAP	0.0020		<b>&lt; 0.0020</b>	mg/L	1	06/02/2011 12:25	68638	
Chromium	NELAP	0.0100		<b>&lt; 0.0100</b>	mg/L	1	06/02/2011 12:25	68638	
Selenium	NELAP	0.0500		<b>&lt; 0.0500</b>	mg/L	1	06/02/2011 12:25	68638	
Silver	NELAP	0.0100		<b>&lt; 0.0100</b>	mg/L	1	06/02/2011 12:25	68638	
<b>SW-846 3020A, METALS BY GFAA (TOTAL)</b>									
Lead	7421	NELAP	0.0020	J	<b>0.0007</b>	mg/L	1	06/02/2011 12:15	68637
<b>SW-846 7470A (TOTAL)</b>									
Mercury		NELAP	0.00020		<b>&lt; 0.00020</b>	mg/L	1	06/02/2011 0:00	68646
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
Acenaphthene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Acenaphthylene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Anthracene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Benzo(a)anthracene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Benzo(a)pyrene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Benzo(b)fluoranthene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Benzo(g,h,i)perylene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Benzo(k)fluoranthene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Chrysene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Dibenzo(a,h)anthracene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Fluoranthene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Fluorene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Naphthalene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Phenanthrene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Pyrene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Total PNAs except Naphthalene		0.00013		<b>ND</b>	mg/L	1	06/02/2011 16:20	68636	
Surr: 2-Fluorobiphenyl		34.3-105		<b>80.0</b>	%REC	1	06/02/2011 16:20	68636	
Surr: 2-Fluorophenol		19.9-55.7		<b>36.8</b>	%REC	1	06/02/2011 16:20	68636	
Surr: Nitrobenzene-d5		36.4-127		<b>70.9</b>	%REC	1	06/02/2011 16:20	68636	
Surr: Phenol-d5		8.95-38.5		<b>22.3</b>	%REC	1	06/02/2011 16:20	68636	
Surr: p-Terphenyl-d14		6.05-133		<b>97.9</b>	%REC	1	06/02/2011 16:20	68636	

# PRELIMINARY REPORT

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# Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-001

Client Sample ID: 30984T060111

Matrix: AQUEOUS

Collection Date: 06/01/2011 9:30

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		ND	µg/L	1	06/01/2011 18:22	68658
Ethylbenzene	NELAP	5.0		ND	µg/L	1	06/01/2011 18:22	68658
Toluene	NELAP	5.0		ND	µg/L	1	06/01/2011 18:22	68658
Xylenes, Total	NELAP	5.0		ND	µg/L	1	06/01/2011 18:22	68658
Surr: 1,2-Dichloroethane-d4		74.7-129		112.3	%REC	1	06/01/2011 18:22	68658
Surr: 4-Bromofluorobenzene		86-119		102.1	%REC	1	06/01/2011 18:22	68658
Surr: Dibromofluoromethane		81.7-123		107.9	%REC	1	06/01/2011 18:22	68658
Surr: Toluene-d8		84.3-114		92.3	%REC	1	06/01/2011 18:22	68658

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-002

Client Sample ID: P9-E3-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		12.6	%	1	06/01/2011 17:30	R150188
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		87.4	%	1	06/01/2011 17:30	R150164
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.572		< 0.572	mg/Kg-dry	1	06/03/2011 8:09	R150214
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.57		< 0.57	mg/Kg-dry	1	06/03/2011 8:09	R150214
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.40		6.86	mg/Kg-dry	1	06/03/2011 9:04	68639
Barium	NELAP	0.48		16.9	mg/Kg-dry	1	06/03/2011 9:04	68639
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	06/03/2011 9:04	68639
Chromium	NELAP	0.96		16.7	mg/Kg-dry	1	06/03/2011 9:04	68639
Lead	NELAP	3.85		11.7	mg/Kg-dry	1	06/03/2011 9:04	68639
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	06/03/2011 9:04	68639
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.566		< 0.566	mg/Kg-dry	1	06/03/2011 10:54	68651
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.006	mg/Kg-dry	1	06/02/2011 0:00	68645
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.72		15.2	mg/Kg-dry	1	06/03/2011 11:20	68672
Kerosene	NELAP	5.72		ND	mg/Kg-dry	1	06/03/2011 11:20	68672
Mineral Spirits	NELAP	5.72		ND	mg/Kg-dry	1	06/03/2011 11:20	68672
Motor Oil	NELAP	5.72	#	8.28	mg/Kg-dry	1	06/03/2011 11:20	68672
Surr: n-Tetracontane		50.6-140		107.7	%REC	1	06/03/2011 11:20	68672
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Bis(2-ethylhexyl)phthalate	NELAP	0.077		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634
Naphthalene	NELAP	0.004		0.008	mg/Kg-dry	1	06/03/2011 20:16	68634
Phenanthrene	NELAP	0.004		0.005	mg/Kg-dry	1	06/03/2011 20:16	68634
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:16	68634

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Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-002

Client Sample ID: P9-E3-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: 2-Fluorobiphenyl		10-131		74.4	%REC	1	06/03/2011 20:16	68634
Surr: Nitrobenzene-d5		10-132		77.7	%REC	1	06/03/2011 20:16	68634
Surr: p-Terphenyl-d14		80.2-138		87.1	%REC	1	06/03/2011 20:16	68634
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
1,2-Dichlorobenzene	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
1,3-Dichlorobenzene	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
1,4-Dichlorobenzene	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2,4,5-Trichlorophenol	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2,4,6-Trichlorophenol	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2,4-Dichlorophenol	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2,4-Dimethylphenol	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2,4-Dinitrophenol	NELAP	1.14		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2,4-Dinitrotoluene	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2,6-Dinitrotoluene	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2-Chloronaphthalene	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2-Chlorophenol	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2-Methoxy-4-methylphenol		0.744		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2-Methylnaphthalene	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
2-Nitrophenol	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
3,3'-Dichlorobenzidine	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
3-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
4,6-Dinitro-2-methylphenol	NELAP	1.14		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
4-Bromophenyl phenyl ether	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
4-Chloro-3-methylphenol	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
4-Chloroaniline	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
4-Chlorophenyl phenyl ether	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
4-Nitroaniline	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
4-Nitrophenol	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Aniline	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Azobenzene		0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Benzidine	NELAP	1.21		see note	mg/Kg-dry	1	06/02/2011 12:13	68613
Benzoic acid	NELAP	1.72		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Benzyl alcohol	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Bis(2-chloroethoxy)methane	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Bis(2-chloroethyl)ether	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Bis(2-chloroisopropyl)ether	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Butyl benzyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Carbazole		0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Dibenzofuran	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Diethyl phthalate	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Dimethyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613

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Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-002

Client Sample ID: P9-E3-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Di-n-butyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Di-n-octyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Hexachlorobenzene	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Hexachlorobutadiene	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Hexachlorocyclopentadiene	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Hexachloroethane	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Isophorone	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
m,p-Cresol	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Nitrobenzene	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
N-Nitrosodimethylamine	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
N-Nitroso-di-n-propylamine	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
N-Nitrosodiphenylamine	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
o-Cresol	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Pentachlorophenol	NELAP	2.29		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Phenol	NELAP	0.400		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Pyridine	NELAP	0.572		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
1,2-Diphenylhydrazine		0.961		ND	mg/Kg-dry	1	06/02/2011 12:13	68613
Surr: 2,4,6-Tribromophenol		32.7-130		83.7	%REC	1	06/02/2011 12:13	68613
Surr: 2-Fluorobiphenyl		34.1-116		87.6	%REC	1	06/02/2011 12:13	68613
Surr: 2-Fluorophenol		30.5-99		80.0	%REC	1	06/02/2011 12:13	68613
Surr: Nitrobenzene-d5		34.1-101		89.1	%REC	1	06/02/2011 12:13	68613
Surr: Phenol-d5		34.9-110		82.6	%REC	1	06/02/2011 12:13	68613
Surr: p-Terphenyl-d14		41.7-124		101.1	%REC	1	06/02/2011 12:13	68613

Marginal Exceedance for 4-Nitrophenol, LCS is verified per NELAC Appendix D 1.1.2

<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1,1-Trichloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1,2,2-Tetrachloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1,2-Trichloro-1,2,2-trifluoroethane		76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1,2-Trichloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1-Dichloro-2-propanone		760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1-Dichloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1-Dichloroethene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,1-Dichloropropene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2,3-Trichlorobenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2,3-Trichloropropane	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2,3-Trimethylbenzene		76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2,4-Trichlorobenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2,4-Trimethylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2-Dibromo-3-chloropropane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2-Dibromoethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2-Dichlorobenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,2-Dichloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676

# PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-002

Client Sample ID: P9-E3-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloropropane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,3,5-Trimethylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,3-Dichlorobenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,3-Dichloropropane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1,4-Dichlorobenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
1-Chlorobutane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
2,2-Dichloropropane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
2-Butanone	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
2-Chlorotoluene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
2-Hexanone	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
2-Nitropropane	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
4-Chlorotoluene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
4-Methyl-2-pentanone	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Acetone	NELAP	760	J	540	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Acetonitrile	NELAP	1520		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Acrolein	NELAP	1520		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Acrylonitrile	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Allyl chloride	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Benzene	NELAP	15.2		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Bromobenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Bromochloromethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Bromodichloromethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Bromoform	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Bromomethane	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Carbon disulfide	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Carbon tetrachloride	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Chlorobenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Chloroethane	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Chloroform	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Chloromethane	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
cis-1,2-Dichloroethene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
cis-1,3-Dichloropropene	NELAP	60.8		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Cyclohexanone		1520		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Dibromochloromethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Dibromomethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Dichlorodifluoromethane	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Ethyl acetate	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Ethyl ether	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Ethyl methacrylate	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Ethylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Gasoline Range Organics (OA-1)		15200		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Heptane		304		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Hexachlorobutadiene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676

## 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: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-002

Client Sample ID: P9-E3-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Hexachloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Iodomethane	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Isopropylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
m,p-Xylenes	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Methacrylonitrile	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Methyl Methacrylate	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Methyl tert-butyl ether	NELAP	30.4		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Methylacrylate		152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Methylene chloride	NELAP	76.0	J	74	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Naphthalene	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
n-Butylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
n-Hexane		304		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Nitrobenzene	NELAP	1520		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
n-Propylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
o-Xylene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Pentachloroethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
p-Isopropyltoluene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Propionitrile	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
sec-Butylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Styrene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
tert-Butylbenzene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Tetrachloroethene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Tetrahydrofuran	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Toluene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
trans-1,2-Dichloroethene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
trans-1,3-Dichloropropene	NELAP	60.8		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
trans-1,4-Dichloro-2-butene	NELAP	152		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Trichloroethene	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Trichlorofluoromethane	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Vinyl acetate	NELAP	760		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Vinyl chloride	NELAP	30.4		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Xylenes, Total	NELAP	76.0		ND	µg/Kg-dry	12.5	06/02/2011 17:43	68676
Surr: 1,2-Dichloroethane-d4		72.2-131		101.1	%REC	12.5	06/02/2011 17:43	68676
Surr: 4-Bromofluorobenzene		82.1-116		100.1	%REC	12.5	06/02/2011 17:43	68676
Surr: Dibromofluoromethane		77.7-120		99.2	%REC	12.5	06/02/2011 17:43	68676
Surr: Toluene-d8		86-116		101.1	%REC	12.5	06/02/2011 17:43	68676

Marginal Exceedance for methylene chloride in LCS/LCSD is verified per NELAC Appendix D 1.1.2

Elevated reporting limit due to matrix interference.

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-003

Client Sample ID: P9-E3-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 12:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		10.1	%	1	06/01/2011 17:30	R150188
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.9	%	1	06/01/2011 17:30	R150164
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.601		Interference	mg/Kg-dry	1	06/02/2011 8:12	R150214
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56		< 0.56	mg/Kg-dry	1	06/02/2011 8:12	R150214
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		6.38	mg/Kg-dry	1	06/03/2011 9:20	68639
Barium	NELAP	0.46		19.4	mg/Kg-dry	1	06/03/2011 9:20	68639
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	06/03/2011 9:20	68639
Chromium	NELAP	0.93		16.8	mg/Kg-dry	1	06/03/2011 9:20	68639
Lead	NELAP	3.70		10.9	mg/Kg-dry	1	06/03/2011 9:20	68639
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	06/03/2011 9:20	68639
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.566		< 0.566	mg/Kg-dry	1	06/03/2011 10:57	68651
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.006	mg/Kg-dry	1	06/02/2011 0:00	68645
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.56	#	7.09	mg/Kg-dry	1	06/03/2011 11:37	68672
Kerosene	NELAP	5.56		ND	mg/Kg-dry	1	06/03/2011 11:37	68672
Mineral Spirits	NELAP	5.56		ND	mg/Kg-dry	1	06/03/2011 11:37	68672
Motor Oil	NELAP	5.56		ND	mg/Kg-dry	1	06/03/2011 11:37	68672
Surr: n-Tetracontane		50.6-140		101.2	%REC	1	06/03/2011 11:37	68672
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634
Naphthalene	NELAP	0.004		0.006	mg/Kg-dry	1	06/03/2011 20:52	68634
Phenanthrene	NELAP	0.004		0.005	mg/Kg-dry	1	06/03/2011 20:52	68634
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 20:52	68634

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-003

Client Sample ID: P9-E3-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 12:40

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		77.2	%REC	1	06/03/2011 20:52	68634
Surr: Nitrobenzene-d5		10-132		80.8	%REC	1	06/03/2011 20:52	68634
Surr: p-Terphenyl-d14		80.2-138		86.6	%REC	1	06/03/2011 20:52	68634
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
1,2-Dichlorobenzene	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
1,3-Dichlorobenzene	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
1,4-Dichlorobenzene	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2,4,5-Trichlorophenol	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2,4,6-Trichlorophenol	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2,4-Dichlorophenol	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2,4-Dimethylphenol	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2,4-Dinitrotoluene	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2,6-Dinitrotoluene	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2-Chloronaphthalene	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2-Chlorophenol	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2-Methoxy-4-methylphenol		0.720		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2-Methylnaphthalene	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
2-Nitrophenol	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
3,3'-Dichlorobenzidine	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
4-Bromophenyl phenyl ether	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
4-Chloro-3-methylphenol	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
4-Chloroaniline	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
4-Chlorophenyl phenyl ether	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
4-Nitroaniline	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
4-Nitrophenol	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Aniline	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Azobenzene		0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Benzidine	NELAP	1.17		see note	mg/Kg-dry	1	06/02/2011 13:48	68613
Benzoic acid	NELAP	1.66		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Benzyl alcohol	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Bis(2-chloroethoxy)methane	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Bis(2-chloroethyl)ether	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Bis(2-chloroisopropyl)ether	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Butyl benzyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Carbazole		0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Dibenzofuran	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Diethyl phthalate	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Dimethyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613

## 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: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-003

Client Sample ID: P9-E3-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 12:40

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	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Di-n-octyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Hexachlorobenzene	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Hexachlorobutadiene	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Hexachlorocyclopentadiene	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Hexachloroethane	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Isophorone	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
m,p-Cresol	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Nitrobenzene	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
N-Nitrosodimethylamine	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
N-Nitroso-di-n-propylamine	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
N-Nitrosodiphenylamine	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
o-Cresol	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Pentachlorophenol	NELAP	2.21		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Phenol	NELAP	0.388		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Pyridine	NELAP	0.554		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
1,2-Diphenylhydrazine		0.930		ND	mg/Kg-dry	1	06/02/2011 13:48	68613
Surr: 2,4,6-Tribromophenol		32.7-130		79.0	%REC	1	06/02/2011 13:48	68613
Surr: 2-Fluorobiphenyl		34.1-116		76.8	%REC	1	06/02/2011 13:48	68613
Surr: 2-Fluorophenol		30.5-99		72.2	%REC	1	06/02/2011 13:48	68613
Surr: Nitrobenzene-d5		34.1-101		78.3	%REC	1	06/02/2011 13:48	68613
Surr: Phenol-d5		34.9-110		74.8	%REC	1	06/02/2011 13:48	68613
Surr: p-Terphenyl-d14		41.7-124		87.8	%REC	1	06/02/2011 13:48	68613

Marginal Exceedance for 4-Nitrophenol, LCS is verified per NELAC Appendix D 1.1.2

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

1,1,1,2-Tetrachloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1,1-Trichloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1,2,2-Tetrachloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1,2-Trichloro-1,2,2-trifluoroethane		3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1,2-Trichloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1-Dichloro-2-propanone		37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1-Dichloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1-Dichloroethene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,1-Dichloropropene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2,3-Trichlorobenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2,3-Trichloropropane	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2,3-Trimethylbenzene		3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2,4-Trichlorobenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2,4-Trimethylbenzene	NELAP	3.71	J	2.0	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2-Dibromo-3-chloropropane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2-Dibromoethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2-Dichlorobenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,2-Dichloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-003

Client Sample ID: P9-E3-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 12:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloropropane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,3,5-Trimethylbenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,3-Dichlorobenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,3-Dichloropropane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1,4-Dichlorobenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
1-Chlorobutane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
2,2-Dichloropropane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
2-Butanone	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
2-Chlorotoluene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
2-Hexanone	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
2-Nitropropane	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
4-Chlorotoluene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
4-Methyl-2-pentanone	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Acetone	NELAP	37.1	J	26	µg/Kg-dry	1	06/02/2011 16:18	68676
Acetonitrile	NELAP	74.3		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Acrolein	NELAP	74.3		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Acrylonitrile	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Allyl chloride	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Benzene	NELAP	0.743		1.05	µg/Kg-dry	1	06/02/2011 16:18	68676
Bromobenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Bromochloromethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Bromodichloromethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Bromoform	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Bromomethane	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Carbon disulfide	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Carbon tetrachloride	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Chlorobenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Chloroethane	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Chloroform	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Chloromethane	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
cis-1,2-Dichloroethene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
cis-1,3-Dichloropropene	NELAP	2.97		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Cyclohexanone		74.3		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Dibromochloromethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Dibromomethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Dichlorodifluoromethane	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Ethyl acetate	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Ethyl ether	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Ethyl methacrylate	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Ethylbenzene	NELAP	3.71	J	0.78	µg/Kg-dry	1	06/02/2011 16:18	68676
Gasoline Range Organics (OA-1)		743		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Heptane		14.9		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Hexachlorobutadiene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-003

Client Sample ID: P9-E3-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 12:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Hexachloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Iodomethane	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Isopropylbenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
m,p-Xylenes	NELAP	3.71	J	2.1	µg/Kg-dry	1	06/02/2011 16:18	68676
Methacrylonitrile	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Methyl Methacrylate	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Methyl tert-butyl ether	NELAP	1.49		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Methylacrylate		7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Methylene chloride	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Naphthalene	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
n-Butylbenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
n-Hexane		14.9	J	1.6	µg/Kg-dry	1	06/02/2011 16:18	68676
Nitrobenzene	NELAP	74.3		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
n-Propylbenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
o-Xylene	NELAP	3.71	J	0.80	µg/Kg-dry	1	06/02/2011 16:18	68676
Pentachloroethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
p-Isopropyltoluene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Propionitrile	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
sec-Butylbenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Styrene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
tert-Butylbenzene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Tetrachloroethene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Tetrahydrofuran	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Toluene	NELAP	3.71	J	1.8	µg/Kg-dry	1	06/02/2011 16:18	68676
trans-1,2-Dichloroethene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
trans-1,3-Dichloropropene	NELAP	2.97		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
trans-1,4-Dichloro-2-butene	NELAP	7.43		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Trichloroethene	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Trichlorofluoromethane	NELAP	3.71		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Vinyl acetate	NELAP	37.1		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Vinyl chloride	NELAP	1.49		ND	µg/Kg-dry	1	06/02/2011 16:18	68676
Xylenes, Total	NELAP	3.71	J	2.9	µg/Kg-dry	1	06/02/2011 16:18	68676
Surr: 1,2-Dichloroethane-d4		72.2-131		110.8	%REC	1	06/02/2011 16:18	68676
Surr: 4-Bromofluorobenzene		82.1-116		90.2	%REC	1	06/02/2011 16:18	68676
Surr: Dibromofluoromethane		77.7-120		111.7	%REC	1	06/02/2011 16:18	68676
Surr: Toluene-d8		86-116	S	116.5	%REC	1	06/02/2011 16:18	68676

Marginal Exceedance for methylene chloride in LCS/LCSD is verified per NELAC Appendix D 1.1.2

Elevated reporting limit due to matrix interference.

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-004

Client Sample ID: P9-DE1.5-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:50

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	06/01/2011 17:30	R150188
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.2	%	1	06/01/2011 17:30	R150164
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.628		Interference	mg/Kg-dry	1	06/02/2011 8:12	R150214
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	J	0.30	mg/Kg-dry	1	06/02/2011 8:12	R150214
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		6.28	mg/Kg-dry	1	06/03/2011 9:26	68639
Barium	NELAP	0.46		18.3	mg/Kg-dry	1	06/03/2011 9:26	68639
Cadmium	NELAP	0.19	J	0.11	mg/Kg-dry	1	06/03/2011 9:26	68639
Chromium	NELAP	0.93		18.6	mg/Kg-dry	1	06/03/2011 9:26	68639
Lead	NELAP	3.70		10.7	mg/Kg-dry	1	06/03/2011 9:26	68639
Silver	NELAP	0.51		0.65	mg/Kg-dry	1	06/03/2011 9:26	68639
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	06/03/2011 11:01	68651
<b>SW-846 7471A</b>								
Mercury	NELAP	0.010	J	0.007	mg/Kg-dry	1	06/02/2011 0:00	68645
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.61	#	16.8	mg/Kg-dry	1	06/03/2011 11:55	68672
Kerosene	NELAP	5.61		ND	mg/Kg-dry	1	06/03/2011 11:55	68672
Mineral Spirits	NELAP	5.61		ND	mg/Kg-dry	1	06/03/2011 11:55	68672
Motor Oil	NELAP	5.61		ND	mg/Kg-dry	1	06/03/2011 11:55	68672
Surr: n-Tetracontane		50.6-140		105.5	%REC	1	06/03/2011 11:55	68672
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004	J	0.003	mg/Kg-dry	1	06/03/2011 22:39	68634
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 22:39	68634
Anthracene	NELAP	0.004	J	0.003	mg/Kg-dry	1	06/03/2011 22:39	68634
Benzo(a)anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	06/03/2011 22:39	68634
Benzo(a)pyrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	06/03/2011 22:39	68634
Benzo(b)fluoranthene	NELAP	0.004	J	0.004	mg/Kg-dry	1	06/03/2011 22:39	68634
Benzo(g,h,i)perylene	NELAP	0.004		0.006	mg/Kg-dry	1	06/03/2011 22:39	68634
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 22:39	68634
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	06/03/2011 22:39	68634
Chrysene	NELAP	0.004	J	0.004	mg/Kg-dry	1	06/03/2011 22:39	68634
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 22:39	68634
Fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	06/03/2011 22:39	68634
Fluorene	NELAP	0.004		0.005	mg/Kg-dry	1	06/03/2011 22:39	68634
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 22:39	68634
Naphthalene	NELAP	0.004		1.28	mg/Kg-dry	1	06/03/2011 22:39	68634
Phenanthrene	NELAP	0.004		0.016	mg/Kg-dry	1	06/03/2011 22:39	68634
Pyrene	NELAP	0.004		0.007	mg/Kg-dry	1	06/03/2011 22:39	68634

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-004

Client Sample ID: P9-DE1.5-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: 2-Fluorobiphenyl		10-131		71.8	%REC	1	06/03/2011 22:39	68634
Surr: Nitrobenzene-d5		10-132		74.9	%REC	1	06/03/2011 22:39	68634
Surr: p-Terphenyl-d14		80.2-138		80.6	%REC	1	06/03/2011 22:39	68634
<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	06/02/2011 14:20	68613
1,2-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
1,3-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
1,4-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2,4,5-Trichlorophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2,4,6-Trichlorophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2,4-Dichlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2,4-Dimethylphenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2,4-Dinitrotoluene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2,6-Dinitrotoluene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2-Chloronaphthalene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2-Chlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2-Methoxy-4-methylphenol		0.727		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2-Methylnaphthalene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
2-Nitrophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
3,3'-Dichlorobenzidine	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
4-Bromophenyl phenyl ether	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
4-Chloro-3-methylphenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
4-Chloroaniline	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
4-Chlorophenyl phenyl ether	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
4-Nitroaniline	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
4-Nitrophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Aniline	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Azobenzene		0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Benzidine	NELAP	1.18		see note	mg/Kg-dry	1	06/02/2011 14:20	68613
Benzoic acid	NELAP	1.68		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Benzyl alcohol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Bis(2-chloroethoxy)methane	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Bis(2-chloroethyl)ether	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Bis(2-chloroisopropyl)ether	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Butyl benzyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Carbazole		0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Dibenzofuran	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Diethyl phthalate	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Dimethyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-004

Client Sample ID: P9-DE1.5-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:50

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	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Di-n-octyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Hexachlorobenzene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Hexachlorobutadiene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Hexachlorocyclopentadiene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Hexachloroethane	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Isophorone	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
m,p-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Nitrobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
N-Nitrosodimethylamine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
N-Nitroso-di-n-propylamine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
N-Nitrosodiphenylamine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
o-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Pentachlorophenol	NELAP	2.24		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Phenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Pyridine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
1,2-Diphenylhydrazine		0.939		ND	mg/Kg-dry	1	06/02/2011 14:20	68613
Surr: 2,4,6-Tribromophenol		32.7-130		80.6	%REC	1	06/02/2011 14:20	68613
Surr: 2-Fluorobiphenyl		34.1-116		77.6	%REC	1	06/02/2011 14:20	68613
Surr: 2-Fluorophenol		30.5-99		72.1	%REC	1	06/02/2011 14:20	68613
Surr: Nitrobenzene-d5		34.1-101		80.4	%REC	1	06/02/2011 14:20	68613
Surr: Phenol-d5		34.9-110		77.4	%REC	1	06/02/2011 14:20	68613
Surr: p-Terphenyl-d14		41.7-124		91.9	%REC	1	06/02/2011 14:20	68613

Marginal Exceedance for 4-Nitrophenol, LCS is verified per NELAC Appendix D 1.1.2

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

1,1,1,2-Tetrachloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1,1-Trichloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1,2,2-Tetrachloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1,2-Trichloro-1,2,2-trifluoroethane		371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1,2-Trichloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1-Dichloro-2-propanone		3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1-Dichloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1-Dichloroethene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,1-Dichloropropene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2,3-Trichlorobenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2,3-Trichloropropane	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2,3-Trimethylbenzene		371	J	330	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2,4-Trichlorobenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2,4-Trimethylbenzene	NELAP	371		434	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2-Dibromo-3-chloropropane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2-Dibromoethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2-Dichlorobenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,2-Dichloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676

## 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: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-004

Client Sample ID: P9-DE1.5-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloropropane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,3,5-Trimethylbenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,3-Dichlorobenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,3-Dichloropropane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1,4-Dichlorobenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
1-Chlorobutane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
2,2-Dichloropropane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
2-Butanone	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
2-Chlorotoluene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
2-Hexanone	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
2-Nitropropane	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
4-Chlorotoluene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
4-Methyl-2-pentanone	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Acetone	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Acetonitrile	NELAP	7430		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Acrolein	NELAP	7430		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Acrylonitrile	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Allyl chloride	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Benzene	NELAP	74.3		7520	µg/Kg-dry	50	06/02/2011 16:46	68676
Bromobenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Bromochloromethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Bromodichloromethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Bromoform	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Bromomethane	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Carbon disulfide	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Carbon tetrachloride	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Chlorobenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Chloroethane	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Chloroform	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Chloromethane	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
cis-1,2-Dichloroethene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
cis-1,3-Dichloropropene	NELAP	297		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Cyclohexanone		7430		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Dibromochloromethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Dibromomethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Dichlorodifluoromethane	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Ethyl acetate	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Ethyl ether	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Ethyl methacrylate	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Ethylbenzene	NELAP	371		10300	µg/Kg-dry	50	06/02/2011 16:46	68676
Gasoline Range Organics (OA-1)		74300		104000	µg/Kg-dry	50	06/02/2011 16:46	68676
Heptane		1490		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Hexachlorobutadiene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-004

Client Sample ID: P9-DE1.5-F (16)

Matrix: SOLID

Collection Date: 06/01/2011 12:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Hexachloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Iodomethane	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Isopropylbenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
m,p-Xylenes	NELAP	371		19500	µg/Kg-dry	50	06/02/2011 16:46	68676
Methacrylonitrile	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Methyl Methacrylate	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Methyl tert-butyl ether	NELAP	149		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Methylacrylate		743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Methylene chloride	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Naphthalene	NELAP	743		5240	µg/Kg-dry	50	06/02/2011 16:46	68676
n-Butylbenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
n-Hexane		1490		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Nitrobenzene	NELAP	7430		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
n-Propylbenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
o-Xylene	NELAP	371		11100	µg/Kg-dry	50	06/02/2011 16:46	68676
Pentachloroethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
p-Isopropyltoluene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Propionitrile	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
sec-Butylbenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Styrene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
tert-Butylbenzene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Tetrachloroethene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Tetrahydrofuran	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Toluene	NELAP	371		7400	µg/Kg-dry	50	06/02/2011 16:46	68676
trans-1,2-Dichloroethene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
trans-1,3-Dichloropropene	NELAP	297		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
trans-1,4-Dichloro-2-butene	NELAP	743		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Trichloroethene	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Trichlorofluoromethane	NELAP	371		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Vinyl acetate	NELAP	3710		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Vinyl chloride	NELAP	149		ND	µg/Kg-dry	50	06/02/2011 16:46	68676
Xylenes, Total	NELAP	371		30600	µg/Kg-dry	50	06/02/2011 16:46	68676
Surr: 1,2-Dichloroethane-d4		72.2-131		103.6	%REC	50	06/02/2011 16:46	68676
Surr: 4-Bromofluorobenzene		82.1-116		115.0	%REC	50	06/02/2011 16:46	68676
Surr: Dibromofluoromethane		77.7-120		102.4	%REC	50	06/02/2011 16:46	68676
Surr: Toluene-d8		86-116		93.1	%REC	50	06/02/2011 16:46	68676

Marginal Exceedance for methylene chloride in LCS/LCSD is verified per NELAC Appendix D 1.1.2

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: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-005

Client Sample ID: P9-DE1.5-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 13:00

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	06/01/2011 17:30	R150188
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.4	%	1	06/01/2011 17:30	R150164
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.559		< 0.559	mg/Kg-dry	1	06/02/2011 8:12	R150214
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	J	0.36	mg/Kg-dry	1	06/02/2011 8:12	R150214
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		6.01	mg/Kg-dry	1	06/03/2011 9:31	68639
Barium	NELAP	0.49		18.1	mg/Kg-dry	1	06/03/2011 9:31	68639
Cadmium	NELAP	0.20	J	0.11	mg/Kg-dry	1	06/03/2011 9:31	68639
Chromium	NELAP	0.98		17.6	mg/Kg-dry	1	06/03/2011 9:31	68639
Lead	NELAP	3.92		11.6	mg/Kg-dry	1	06/03/2011 9:31	68639
Silver	NELAP	0.54		0.59	mg/Kg-dry	1	06/03/2011 9:31	68639
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	06/03/2011 11:11	68651
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.006	mg/Kg-dry	1	06/02/2011 0:00	68645
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.58	#	6.15	mg/Kg-dry	1	06/03/2011 12:48	68672
Kerosene	NELAP	5.58		ND	mg/Kg-dry	1	06/03/2011 12:48	68672
Mineral Spirits	NELAP	5.58		ND	mg/Kg-dry	1	06/03/2011 12:48	68672
Motor Oil	NELAP	5.58		ND	mg/Kg-dry	1	06/03/2011 12:48	68672
Surr: n-Tetracontane		50.6-140		100.6	%REC	1	06/03/2011 12:48	68672
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634
Naphthalene	NELAP	0.004		0.022	mg/Kg-dry	1	06/03/2011 23:15	68634
Phenanthrene	NELAP	0.004		0.006	mg/Kg-dry	1	06/03/2011 23:15	68634
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/03/2011 23:15	68634

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-005

Client Sample ID: P9-DE1.5-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 13:00

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		70.5	%REC	1	06/03/2011 23:15	68634
Surr: Nitrobenzene-d5		10-132		75.2	%REC	1	06/03/2011 23:15	68634
Surr: p-Terphenyl-d14		80.2-138		82.3	%REC	1	06/03/2011 23:15	68634
<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	06/02/2011 14:52	68613
1,2-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
1,3-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
1,4-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2,4,5-Trichlorophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2,4,6-Trichlorophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2,4-Dichlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2,4-Dimethylphenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2,4-Dinitrotoluene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2,6-Dinitrotoluene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2-Chloronaphthalene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2-Chlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2-Methoxy-4-methylphenol		0.727		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2-Methylnaphthalene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
2-Nitrophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
3,3'-Dichlorobenzidine	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
4-Bromophenyl phenyl ether	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
4-Chloro-3-methylphenol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
4-Chloroaniline	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
4-Chlorophenyl phenyl ether	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
4-Nitroaniline	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
4-Nitrophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Aniline	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Azobenzene		0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Benzidine	NELAP	1.18		see note	mg/Kg-dry	1	06/02/2011 14:52	68613
Benzoic acid	NELAP	1.68		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Benzyl alcohol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Bis(2-chloroethoxy)methane	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Bis(2-chloroethyl)ether	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Bis(2-chloroisopropyl)ether	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Butyl benzyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Carbazole		0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Dibenzofuran	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Diethyl phthalate	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Dimethyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-005

Client Sample ID: P9-DE1.5-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 13:00

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	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Di-n-octyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Hexachlorobenzene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Hexachlorobutadiene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Hexachlorocyclopentadiene	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Hexachloroethane	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Isophorone	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
m,p-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Nitrobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
N-Nitrosodimethylamine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
N-Nitroso-di-n-propylamine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
N-Nitrosodiphenylamine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
o-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Pentachlorophenol	NELAP	2.24		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Phenol	NELAP	0.391		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Pyridine	NELAP	0.559		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
1,2-Diphenylhydrazine		0.939		ND	mg/Kg-dry	1	06/02/2011 14:52	68613
Surr: 2,4,6-Tribromophenol		32.7-130		79.9	%REC	1	06/02/2011 14:52	68613
Surr: 2-Fluorobiphenyl		34.1-116		76.0	%REC	1	06/02/2011 14:52	68613
Surr: 2-Fluorophenol		30.5-99		71.7	%REC	1	06/02/2011 14:52	68613
Surr: Nitrobenzene-d5		34.1-101		77.1	%REC	1	06/02/2011 14:52	68613
Surr: Phenol-d5		34.9-110		76.3	%REC	1	06/02/2011 14:52	68613
Surr: p-Terphenyl-d14		41.7-124		88.5	%REC	1	06/02/2011 14:52	68613

Marginal Exceedance for 4-Nitrophenol, LCS is verified per NELAC Appendix D 1.1.2

<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1,1-Trichloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1,2,2-Tetrachloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1,2-Trichloro-1,2,2-trifluoroethane		362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1,2-Trichloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1-Dichloro-2-propanone		3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1-Dichloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1-Dichloroethene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,1-Dichloropropene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2,3-Trichlorobenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2,3-Trichloropropane	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2,3-Trimethylbenzene		362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2,4-Trichlorobenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2,4-Trimethylbenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2-Dibromo-3-chloropropane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2-Dibromoethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2-Dichlorobenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,2-Dichloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676

## 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: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-005

Client Sample ID: P9-DE1.5-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 13:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloropropane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,3,5-Trimethylbenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,3-Dichlorobenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,3-Dichloropropane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1,4-Dichlorobenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
1-Chlorobutane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
2,2-Dichloropropane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
2-Butanone	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
2-Chlorotoluene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
2-Hexanone	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
2-Nitropropane	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
4-Chlorotoluene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
4-Methyl-2-pentanone	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Acetone	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Acetonitrile	NELAP	7230		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Acrolein	NELAP	7230		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Acrylonitrile	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Allyl chloride	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Benzene	NELAP	72.3		1620	µg/Kg-dry	50	06/02/2011 17:15	68676
Bromobenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Bromochloromethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Bromodichloromethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Bromoform	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Bromomethane	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Carbon disulfide	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Carbon tetrachloride	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Chlorobenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Chloroethane	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Chloroform	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Chloromethane	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
cis-1,2-Dichloroethene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
cis-1,3-Dichloropropene	NELAP	289		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Cyclohexanone		7230		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Dibromochloromethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Dibromomethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Dichlorodifluoromethane	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Ethyl acetate	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Ethyl ether	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Ethyl methacrylate	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Ethylbenzene	NELAP	362		412	µg/Kg-dry	50	06/02/2011 17:15	68676
Gasoline Range Organics (OA-1)		72300		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Heptane		1450		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Hexachlorobutadiene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676

## 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: 11060059

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

Report Date: 06-Jun-11

Lab ID: 11060059-005

Client Sample ID: P9-DE1.5-F (18)

Matrix: SOLID

Collection Date: 06/01/2011 13:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Hexachloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Iodomethane	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Isopropylbenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
m,p-Xylenes	NELAP	362		946	µg/Kg-dry	50	06/02/2011 17:15	68676
Methacrylonitrile	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Methyl Methacrylate	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Methyl tert-butyl ether	NELAP	145		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Methylacrylate		723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Methylene chloride	NELAP	362	J	320	µg/Kg-dry	50	06/02/2011 17:15	68676
Naphthalene	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
n-Butylbenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
n-Hexane		1450		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Nitrobenzene	NELAP	7230		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
n-Propylbenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
o-Xylene	NELAP	362		724	µg/Kg-dry	50	06/02/2011 17:15	68676
Pentachloroethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
p-Isopropyltoluene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Propionitrile	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
sec-Butylbenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Styrene	NELAP	362	J	190	µg/Kg-dry	50	06/02/2011 17:15	68676
tert-Butylbenzene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Tetrachloroethene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Tetrahydrofuran	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Toluene	NELAP	362		10000	µg/Kg-dry	50	06/02/2011 17:15	68676
trans-1,2-Dichloroethene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
trans-1,3-Dichloropropene	NELAP	289		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
trans-1,4-Dichloro-2-butene	NELAP	723		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Trichloroethene	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Trichlorofluoromethane	NELAP	362		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Vinyl acetate	NELAP	3620		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Vinyl chloride	NELAP	145		ND	µg/Kg-dry	50	06/02/2011 17:15	68676
Xylenes, Total	NELAP	362		1670	µg/Kg-dry	50	06/02/2011 17:15	68676
Surr: 1,2-Dichloroethane-d4		72.2-131		104.7	%REC	50	06/02/2011 17:15	68676
Surr: 4-Bromofluorobenzene		82.1-116		112.7	%REC	50	06/02/2011 17:15	68676
Surr: Dibromofluoromethane		77.7-120		104.9	%REC	50	06/02/2011 17:15	68676
Surr: Toluene-d8		86-116		95.8	%REC	50	06/02/2011 17:15	68676

Marginal Exceedance for methylene chloride in LCS/LCSD is verified per NELAC Appendix D 1.1.2

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

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

COC Serial No. **B** 10023

11060059

Project Name: Champaign MGP Project Mgr.: P. Szegoma  
Project Number: 624-0908-0120 Cost Code: SD002  
Sampler(s): Flora

Laboratory Name: Teklab, Inc  
Location: Collinsville, FL  
Sample Number and (depth):  
30984T06011

Date	Time	Matrix			
		Soil	Water	Air	Wipes
6/1/11	0930	X			
6/1/11	1230	X			
↓	1240	X			
↓	1250	X			
↓	1300	X			

Analyses by Method Name and Number		Total Number of Containers	BTEX (8260)	SVOC (8270SIN)	SVOC (8270)	RCRA Metals	CN - total & Amenable	TSS	PH	BOD	VOC (8260)	TPH (041/042)
7												
6		X	X	X	X	X	X	X	X	X	X	X
6		X	X	X	X	X	X	X	X	X	X	X
6		X	X	X	X	X	X	X	X	X	X	X
6		X	X	X	X	X	X	X	X	X	X	X

Comments (Field PID):  
11060059  
11060059  
002  
003  
004  
005

Laboratory Temperature upon Receipt:  
13.4

Zero headspace -  
June 1, 11

# 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:**

Requested TAT:  Rush  5 Days  STD  Other \_\_\_\_\_

Fax and/or Mail Results to: P. Szegoma ; L. Hoosier

Send Invoice to: B. Martin

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

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

Reporting Limits: FLTAG IAC 740/742

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

**Shipping:**

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

**Relinquished by:** Signature: Michelle Far Date: 6/1/11 Time: 1707

**Received by:** Signature: JMCD Date: 6/1/11 Time: 1707

June 09, 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:** 11060324

Dear Pete Sazama:

TEKLAB, INC received 1 sample on 6/7/2011 3:00:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

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

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

Sincerely,



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



## Report Contents

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

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060324

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

**Report Date:** 09-Jun-11

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**This reporting package includes the following:**

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Laboratory Results	5
Sample Summary	10
Dates Report	11
Quality Control Results	12
Receiving Check List	30
Chain of Custody	Appended

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060324

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

**Report Date:** 09-Jun-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:** 11060324

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

**Report Date:** 09-Jun-11

**Cooler Receipt Temp:** 4.6 °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: 11060324

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

Report Date: 09-Jun-11

Lab ID: 11060324-001

Client Sample ID: P9-DE1.5-F (24)

Matrix: SOLID

Collection Date: 06/07/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		10.1	%	1	06/07/2011 15:00	R150445
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.9	%	1	06/07/2011 15:00	R150424
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.556		< 0.556	mg/Kg-dry	1	06/08/2011 9:33	R150499
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	S	< 0.56	mg/Kg-dry	1	06/08/2011 9:33	R150499
<i>Matrix interference present in sample. Verified by reanalysis.</i>								
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		5.53	mg/Kg-dry	1	06/08/2011 14:35	68784
Barium	NELAP	0.49		17.9	mg/Kg-dry	1	06/08/2011 14:35	68784
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	06/08/2011 14:35	68784
Chromium	NELAP	0.98		15.6	mg/Kg-dry	1	06/08/2011 14:35	68784
Lead	NELAP	3.92		8.26	mg/Kg-dry	1	06/08/2011 14:35	68784
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	06/08/2011 14:35	68784
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	06/09/2011 13:12	68786
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.008	mg/Kg-dry	1	06/08/2011 10:00	68792
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.54		5.64	mg/Kg-dry	1	06/08/2011 12:57	68782
Kerosene	NELAP	5.54		ND	mg/Kg-dry	1	06/08/2011 12:57	68782
Mineral Spirits	NELAP	5.54		ND	mg/Kg-dry	1	06/08/2011 12:57	68782
Motor Oil	NELAP	5.54		ND	mg/Kg-dry	1	06/08/2011 12:57	68782
Surr: n-Tetracontane		50.6-140		102.4	%REC	1	06/08/2011 12:57	68782
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/08/2011 13:48	68781
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/08/2011 13:48	68781
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/08/2011 13:48	68781
Benzo(a)anthracene	NELAP	0.004	J	0.003	mg/Kg-dry	1	06/08/2011 13:48	68781
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/08/2011 13:48	68781
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/08/2011 13:48	68781
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/08/2011 13:48	68781
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/08/2011 13:48	68781
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	06/08/2011 13:48	68781
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/08/2011 13:48	68781
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/08/2011 13:48	68781
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/08/2011 13:48	68781
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/08/2011 13:48	68781
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/08/2011 13:48	68781
Naphthalene	NELAP	0.004		0.007	mg/Kg-dry	1	06/08/2011 13:48	68781
Phenanthrene	NELAP	0.004		0.007	mg/Kg-dry	1	06/08/2011 13:48	68781
Pyrene	NELAP	0.004	J	0.003	mg/Kg-dry	1	06/08/2011 13:48	68781
Surr: 2-Fluorobiphenyl		10-131		66.0	%REC	1	06/08/2011 13:48	68781
Surr: Nitrobenzene-d5		10-132		49.2	%REC	1	06/08/2011 13:48	68781
Surr: p-Terphenyl-d14		80.2-138		81.7	%REC	1	06/08/2011 13:48	68781

Client: PSC Industrial Outsourcing, LP

Work Order: 11060324

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

Report Date: 09-Jun-11

Lab ID: 11060324-001

Client Sample ID: P9-DE1.5-F (24)

Matrix: SOLID

Collection Date: 06/07/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
1,2-Dichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
1,3-Dichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
1,4-Dichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
2,4,5-Trichlorophenol	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
2,4,6-Trichlorophenol	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
2,4-Dichlorophenol	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
2,4-Dimethylphenol	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
2,4-Dinitrotoluene	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
2,6-Dinitrotoluene	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
2-Chloronaphthalene	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
2-Chlorophenol	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
2-Methoxy-4-methylphenol		0.721		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
2-Methylnaphthalene	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
2-Nitrophenol	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
3,3'-Dichlorobenzidine	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
4-Bromophenyl phenyl ether	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
4-Chloro-3-methylphenol	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
4-Chloroaniline	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
4-Chlorophenyl phenyl ether	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
4-Nitroaniline	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
4-Nitrophenol	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Aniline	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Azobenzene		0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Benzidine	NELAP	1.17	See Comment	mg/Kg-dry		1	06/08/2011 12:55	68748
Benzoic acid	NELAP	1.66		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Benzyl alcohol	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Bis(2-chloroethoxy)methane	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Bis(2-chloroethyl)ether	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Bis(2-chloroisopropyl)ether	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Butyl benzyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Carbazole		0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Dibenzofuran	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Diethyl phthalate	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Dimethyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Di-n-butyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Di-n-octyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Hexachlorobenzene	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Hexachlorobutadiene	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Hexachlorocyclopentadiene	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Hexachloroethane	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Isophorone	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
m,p-Cresol	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748

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Client Sample ID: P9-DE1.5-F (24)

Matrix: SOLID

Collection Date: 06/07/2011 9:00

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	06/08/2011 12:55	68748
N-Nitrosodimethylamine	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
N-Nitroso-di-n-propylamine	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
N-Nitrosodiphenylamine	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
o-Cresol	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Pentachlorophenol	NELAP	2.22		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Phenol	NELAP	0.388		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Pyridine	NELAP	0.555		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
1,2-Diphenylhydrazine		0.932		ND	mg/Kg-dry	1	06/08/2011 12:55	68748
Surr: 2,4,6-Tribromophenol		32.7-130		80.0	%REC	1	06/08/2011 12:55	68748
Surr: 2-Fluorobiphenyl		34.1-116		68.9	%REC	1	06/08/2011 12:55	68748
Surr: 2-Fluorophenol		30.5-99		64.1	%REC	1	06/08/2011 12:55	68748
Surr: Nitrobenzene-d5		34.1-101		70.4	%REC	1	06/08/2011 12:55	68748
Surr: Phenol-d5		34.9-110		64.1	%REC	1	06/08/2011 12:55	68748
Surr: p-Terphenyl-d14		41.7-124		93.4	%REC	1	06/08/2011 12:55	68748

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

4-Nitrophenol was outside upper QC limits in the LCS. Sample was ND.

<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,1,1-Trichloroethane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,1,2,2-Tetrachloroethane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,1,2-Trichloro-1,2,2-trifluoroethane		833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,1,2-Trichloroethane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,1-Dichloro-2-propanone		8330		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,1-Dichloroethane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,1-Dichloroethene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,1-Dichloropropene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,2,3-Trichlorobenzene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,2,3-Trichloropropane	NELAP	1670		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,2,3-Trimethylbenzene		833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,2,4-Trichlorobenzene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,2,4-Trimethylbenzene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,2-Dibromo-3-chloropropane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,2-Dibromoethane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,2-Dichlorobenzene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,2-Dichloroethane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,2-Dichloropropane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,3,5-Trimethylbenzene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,3-Dichlorobenzene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,3-Dichloropropane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1,4-Dichlorobenzene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
1-Chlorobutane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
2,2-Dichloropropane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
2-Butanone	NELAP	8330		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
2-Chlorotoluene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
2-Hexanone	NELAP	8330		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
2-Nitropropane	NELAP	8330		ND	µg/Kg-dry	100	06/07/2011 20:44	68779

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Matrix: SOLID

Collection Date: 06/07/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
4-Chlorotoluene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
4-Methyl-2-pentanone	NELAP	8330		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Acetone	NELAP	8330		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Acetonitrile	NELAP	16700		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Acrolein	NELAP	16700		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Acrylonitrile	NELAP	1670		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Allyl chloride	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Benzene	NELAP	167		28100	µg/Kg-dry	100	06/07/2011 20:44	68779
Bromobenzene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Bromochloromethane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Bromodichloromethane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Bromoform	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Bromomethane	NELAP	1670		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Carbon disulfide	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Carbon tetrachloride	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Chlorobenzene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Chloroethane	NELAP	1670		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Chloroform	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Chloromethane	NELAP	1670		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
cis-1,2-Dichloroethene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
cis-1,3-Dichloropropene	NELAP	666		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Cyclohexanone		16700		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Dibromochloromethane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Dibromomethane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Dichlorodifluoromethane	NELAP	1670		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Ethyl acetate	NELAP	8330		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Ethyl ether	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Ethyl methacrylate	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Ethylbenzene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Gasoline Range Organics (OA-1)		167000	J	67000	µg/Kg-dry	100	06/07/2011 20:44	68779
Heptane		3330		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Hexachlorobutadiene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Hexachloroethane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Iodomethane	NELAP	1670		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Isopropylbenzene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
m,p-Xylenes	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Methacrylonitrile	NELAP	8330		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Methyl Methacrylate	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Methyl tert-butyl ether	NELAP	333		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Methylacrylate		1670		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Methylene chloride	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Naphthalene	NELAP	1670	J	950	µg/Kg-dry	100	06/07/2011 20:44	68779
n-Butylbenzene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
n-Hexane		3330		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Nitrobenzene	NELAP	16700		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
n-Propylbenzene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
o-Xylene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779



## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11060324

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Collection Date: 06/07/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Pentachloroethane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
p-Isopropyltoluene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Propionitrile	NELAP	8330		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
sec-Butylbenzene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Styrene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
tert-Butylbenzene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Tetrachloroethene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Tetrahydrofuran	NELAP	8330		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Toluene	NELAP	833		1770	µg/Kg-dry	100	06/07/2011 20:44	68779
trans-1,2-Dichloroethene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
trans-1,3-Dichloropropene	NELAP	666		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
trans-1,4-Dichloro-2-butene	NELAP	1670		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Trichloroethene	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Trichlorofluoromethane	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Vinyl acetate	NELAP	8330		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Vinyl chloride	NELAP	333		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Xylenes, Total	NELAP	833		ND	µg/Kg-dry	100	06/07/2011 20:44	68779
Surr: 1,2-Dichloroethane-d4		72.2-131		119.4	%REC	100	06/07/2011 20:44	68779
Surr: 4-Bromofluorobenzene		82.1-116		106.0	%REC	100	06/07/2011 20:44	68779
Surr: Dibromofluoromethane		77.7-120		110.6	%REC	100	06/07/2011 20:44	68779
Surr: Toluene-d8		86-116		96.7	%REC	100	06/07/2011 20:44	68779

*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:** 11060324

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

**Report Date:** 09-Jun-11

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Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11060324-001	P9-DE1.5-F (24)	Solid	5	06/07/2011 9:00

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## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060324

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

**Report Date:** 09-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11060324-001A	P9-DE1.5-F (24)	06/07/2011 9:00	6/7/2011 3:00:00 PM	
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		06/07/2011 19:11	06/08/2011 12:57
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/07/2011 19:10	06/08/2011 13:48
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		06/07/2011 19:08	06/08/2011 12:55
11060324-001B	P9-DE1.5-F (24)	06/07/2011 9:00	6/7/2011 3:00:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			06/07/2011 15:00
	Standard Methods 18th Ed. 2540 G			06/07/2011 15:00
	SW-846 3050B, 6010B, Metals by ICP		06/07/2011 19:25	06/08/2011 14:35
	SW-846 3050B, Metals by GFAA		06/07/2011 20:52	06/09/2011 13:12
	SW-846 7471A		06/08/2011 9:22	06/08/2011 10:00
	SW-846 9012A			06/08/2011 9:33
	SW-846 9012A (Total)			06/08/2011 9:33
11060324-001E	P9-DE1.5-F (24)	06/07/2011 9:00	6/7/2011 3:00:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/07/2011 20:44

Client: PSC Industrial Outsourcing, LP

Work Order: 11060324

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

Report Date: 09-Jun-11

### STANDARD METHODS 18TH ED. 2540 G

Batch R150424		SampType: LCS		Units %						Date Analyzed
SampID: LCS-R150424										
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	06/07/2011	

Batch R150424		SampType: LCSQC		Units %						Date Analyzed
SampID: LCSQC-R150424										
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	06/07/2011	

Batch R150424		SampType: DUP		Units %		RPD Limit 15				Date Analyzed
SampID: 11060324-001BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Solids	0.1		90.1				89.90	0.20	06/07/2011	

### SW-846 9012A (TOTAL)

Batch R150499		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-R150499										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.01		< 0.01						06/08/2011	
Cyanide	0.01		< 0.01						06/08/2011	

Batch R150499		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-R150499										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.01		0.02	0.02	0	87.5	85	115	06/08/2011	
Cyanide	0.01		0.03	0.02	0	103.8	85	115	06/08/2011	
Cyanide	0.01		0.03	0.02	0	101.2	85	115	06/08/2011	

Batch R150499		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11060324-001BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.56	S	0.90	1.39	0	64.5	75	125	06/08/2011	

Batch R150499		SampType: MSD		Units mg/Kg-dry		RPD Limit 15				Date Analyzed
SampID: 11060324-001BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.56	S	0.93	1.39	0	66.9	0.8966	3.65	06/08/2011	

Batch R150557		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-R150557										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.01		< 0.01						06/09/2011	



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

Batch R150557		SampType: LCS		Units mg/Kg						
SampID: LCS-R150557										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		<b>0.02</b>	0.02	0	98.7	85	115	06/09/2011	

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

Batch 68784		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-68784										
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	06/08/2011	
Barium	0.50		< <b>0.50</b>	0.50	0	0	-100	100	06/08/2011	
Cadmium	0.20		< <b>0.20</b>	0.20	0	0	-100	100	06/08/2011	
Chromium	1.00		< <b>1.00</b>	1.00	0	0	-100	100	06/08/2011	
Lead	4.00		< <b>4.00</b>	4.00	0	0	-100	100	06/08/2011	
Silver	0.55		< <b>0.55</b>	0.55	0	0	-100	100	06/08/2011	

Batch 68784		SampType: LCS		Units mg/Kg-dry						
SampID: LCS-68784										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	2.50		<b>201</b>	200	0	100.6	85	115	06/08/2011	
Barium	0.50		<b>204</b>	200	0	101.8	85	115	06/08/2011	
Cadmium	0.20		<b>5.07</b>	5.00	0	101.4	85	115	06/08/2011	
Chromium	1.00		<b>20.8</b>	20.0	0	103.8	85	115	06/08/2011	
Lead	4.00		<b>50.8</b>	50.0	0	101.5	85	115	06/08/2011	
Silver	0.55		<b>5.14</b>	5.00	0	102.8	85	115	06/08/2011	

Batch 68784		SampType: MS		Units mg/Kg-dry						
SampID: 11060324-001BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	2.45		<b>188</b>	196	5.529	93.0	75	125	06/08/2011	
Barium	0.49		<b>203</b>	196	17.86	94.3	75	125	06/08/2011	
Cadmium	0.20		<b>4.25</b>	4.90	0	86.6	75	125	06/08/2011	
Chromium	0.98		<b>35.0</b>	19.6	15.57	99.0	75	125	06/08/2011	
Lead	3.92		<b>51.1</b>	49.0	8.265	87.5	75	125	06/08/2011	
Silver	0.54		<b>4.77</b>	4.90	0	97.4	75	125	06/08/2011	

Batch 68784		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11060324-001BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Arsenic	2.45		<b>189</b>	196	5.529	93.6	187.9	0.62	06/08/2011	
Barium	0.49		<b>203</b>	196	17.86	94.4	202.7	0.14	06/08/2011	
Cadmium	0.20		<b>4.25</b>	4.90	0	86.6	4.245	0.00	06/08/2011	
Chromium	0.98		<b>34.5</b>	19.6	15.57	96.7	34.98	1.30	06/08/2011	
Lead	3.92		<b>50.3</b>	49.0	8.265	85.8	51.15	1.66	06/08/2011	
Silver	0.54		<b>4.77</b>	4.90	0	97.4	4.775	0.00	06/08/2011	

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060324

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

**Report Date:** 09-Jun-11

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

Batch 68786		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	0.600		< 0.600	0.600	0	0	-100	100	06/09/2011	

Batch 68786		SampType: LCS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	0.600		2.71	3.00	0	90.4	80	120	06/09/2011	

Batch 68786		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	0.600		3.39	3.00	0	113.0	70	130	06/09/2011	

Batch 68786		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	0.600		3.31	3.00	0	110.2	3.389	2.48	06/09/2011	

**SW-846 7471A**

Batch 68792		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	06/08/2011	

Batch 68792		SampType: LCS		Units mg/Kg						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.010		0.278	0.250	0	111.0	85	115	06/08/2011	

Batch 68792		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.011		0.337	0.275	0.008240	119.6	75	125	06/08/2011	

Batch 68792		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		0.329	0.275	0.008240	116.8	0.3367	2.31	06/08/2011	

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060324

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

**Report Date:** 09-Jun-11

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

Batch 68782		SampType: MBLK		Units mg/Kg						
SampID: MB-68782										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.00		ND						06/08/2011	
Kerosene	5.00		ND						06/08/2011	
Mineral Spirits	5.00		ND						06/08/2011	
Motor Oil	5.00		ND						06/08/2011	
Surr: n-Tetracontane			0.71	0.67		105.9	54.8	128	06/08/2011	

Batch 68782		SampType: LCS		Units mg/Kg						
SampID: LCS-68782										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.00		15.6	16.7	0	93.2	40.4	121	06/08/2011	
Surr: n-Tetracontane			0.72	0.67		107.8	54.8	128	06/08/2011	

Batch 68782		SampType: MS		Units mg/Kg-dry						
SampID: 11060324-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.55		19.3	18.5	5.642	73.8	20.3	167	06/08/2011	
Surr: n-Tetracontane			0.80	0.74		108.1	53.9	153	06/08/2011	

Batch 68782		SampType: MSD		Units mg/Kg-dry				RPD Limit 34			
SampID: 11060324-001AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Diesel	5.54		20.3	18.5	5.642	79.3	19.32	5.02	06/08/2011		
Surr: n-Tetracontane			0.80	0.74		107.4			06/08/2011		

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

Batch 68748		SampType: MBLK		Units %REC						
SampID: MB-68748										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.738	0.835		88.4	46.3	106	06/07/2011	
Surr: p-Terphenyl-d14			0.907	0.835		108.6	45.5	115	06/07/2011	

Batch 68748		SampType: LCS		Units %REC						
SampID: LCS-68748										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.678	0.835		81.2	46.3	106	06/07/2011	
Surr: p-Terphenyl-d14			0.842	0.835		100.9	45.5	115	06/07/2011	

Batch 68748		SampType: LCS		Units %REC						
SampID: LCSDRO-68748										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.682	0.835		81.7	46.3	106	06/07/2011	
Surr: p-Terphenyl-d14			0.848	0.835		101.6	45.5	115	06/07/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060324

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

Report Date: 09-Jun-11

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

Batch 68781		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68781										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.003		ND						06/08/2011	
Acenaphthylene	0.003		ND						06/08/2011	
Anthracene	0.003		ND						06/08/2011	
Benzo(a)anthracene	0.003		ND						06/08/2011	
Benzo(a)pyrene	0.003		ND						06/08/2011	
Benzo(b)fluoranthene	0.003		ND						06/08/2011	
Benzo(g,h,i)perylene	0.003		ND						06/08/2011	
Benzo(k)fluoranthene	0.003		ND						06/08/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						06/08/2011	
Chrysene	0.003		ND						06/08/2011	
Dibenzo(a,h)anthracene	0.003		ND						06/08/2011	
Fluoranthene	0.003		ND						06/08/2011	
Fluorene	0.003		ND						06/08/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						06/08/2011	
Naphthalene	0.003		ND						06/08/2011	
Phenanthrene	0.003		ND						06/08/2011	
Pyrene	0.003		ND						06/08/2011	
Surr: 2-Fluorobiphenyl			0.112	0.167		66.9	45.7	89.2	06/08/2011	
Surr: Nitrobenzene-d5			0.089	0.167		53.1	31.4	100	06/08/2011	
Surr: p-Terphenyl-d14			0.133	0.167		79.6	53.3	124	06/08/2011	

Batch 68781		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-68781										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.003		0.191	0.167	0	114.3	56.3	115	06/08/2011	
Acenaphthylene	0.003		0.162	0.167	0	97.0	60.3	143	06/08/2011	
Anthracene	0.003		0.156	0.167	0	93.6	52.1	109	06/08/2011	
Benzo(a)anthracene	0.003		0.162	0.167	0	96.9	52.8	112	06/08/2011	
Benzo(a)pyrene	0.003		0.182	0.167	0	109.0	40.8	127	06/08/2011	
Benzo(b)fluoranthene	0.003		0.202	0.167	0	120.7	50.1	150	06/08/2011	
Benzo(g,h,i)perylene	0.003		0.197	0.167	0	117.8	52.8	145	06/08/2011	
Benzo(k)fluoranthene	0.003		0.198	0.167	0	118.3	52	153	06/08/2011	
Bis(2-ethylhexyl)phthalate	0.067		0.245	0.167	0	146.7	50	150	06/08/2011	
Chrysene	0.003		0.176	0.167	0	105.6	60.8	128	06/08/2011	
Dibenzo(a,h)anthracene	0.003		0.201	0.167	0	120.5	54.9	150	06/08/2011	
Fluoranthene	0.003		0.173	0.167	0	103.8	58.7	125	06/08/2011	
Fluorene	0.003		0.147	0.167	0	87.8	57.8	125	06/08/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.207	0.167	0	123.8	52	147	06/08/2011	
Naphthalene	0.003		0.145	0.167	0	86.8	54.8	113	06/08/2011	
Phenanthrene	0.003		0.160	0.167	0	95.6	60.4	121	06/08/2011	
Pyrene	0.003		0.175	0.167	0	105.0	57.9	129	06/08/2011	
Surr: 2-Fluorobiphenyl			0.097	0.167		57.8	45.7	89.2	06/08/2011	
Surr: Nitrobenzene-d5			0.074	0.167		44.3	31.4	100	06/08/2011	
Surr: p-Terphenyl-d14			0.137	0.167		81.9	53.3	124	06/08/2011	

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

Batch 68781		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11060324-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.004		0.179	0.186	0	96.3	36	135	06/08/2011	
Acenaphthylene	0.004		0.183	0.186	0	98.5	17.2	167	06/08/2011	
Anthracene	0.004		0.186	0.186	0	100.5	39.3	124	06/08/2011	
Benzo(a)anthracene	0.004		0.181	0.186	0.003401	95.5	10	183	06/08/2011	
Benzo(a)pyrene	0.004		0.214	0.186	0	115.2	10	204	06/08/2011	
Benzo(b)fluoranthene	0.004		0.221	0.186	0	119.3	10.6	178	06/08/2011	
Benzo(g,h,i)perylene	0.004		0.215	0.186	0	116.1	10	168	06/08/2011	
Benzo(k)fluoranthene	0.004		0.217	0.186	0	117.0	27.6	181	06/08/2011	
Bis(2-ethylhexyl)phthalate	0.074		0.272	0.186	0	146.3	50	150	06/08/2011	
Chrysene	0.004		0.194	0.186	0	104.4	10	176	06/08/2011	
Dibenzo(a,h)anthracene	0.004		0.221	0.186	0	118.9	12.2	156	06/08/2011	
Fluoranthene	0.004		0.197	0.186	0	105.9	10	227	06/08/2011	
Fluorene	0.004		0.165	0.186	0	88.8	35.2	148	06/08/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.226	0.186	0	122.0	10	164	06/08/2011	
Naphthalene	0.004		0.176	0.186	0.006543	91.4	14.7	128	06/08/2011	
Phenanthrene	0.004		0.188	0.186	0.006506	97.6	32.8	143	06/08/2011	
Pyrene	0.004		0.201	0.186	0.003327	106.6	10	180	06/08/2011	
Surr: 2-Fluorobiphenyl			0.064	0.186		34.3	10	131	06/08/2011	
Surr: Nitrobenzene-d5			0.073	0.186		39.4	10	132	06/08/2011	
Surr: p-Terphenyl-d14			0.130	0.186		70.2	30.6	131	06/08/2011	

Batch 68781		SampType: MSD		Units mg/Kg-dry				RPD Limit 49.7		Date Analyzed
SampID: 11060324-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Acenaphthene	0.004		0.199	0.186	0	107.3	0.1787	10.89	06/08/2011	
Acenaphthylene	0.004		0.166	0.186	0	89.6	0.1827	9.41	06/08/2011	
Anthracene	0.004		0.173	0.186	0	93.0	0.1865	7.75	06/08/2011	
Benzo(a)anthracene	0.004		0.172	0.186	0.003401	90.9	0.1806	4.82	06/08/2011	
Benzo(a)pyrene	0.004		0.200	0.186	0	108.0	0.2139	6.48	06/08/2011	
Benzo(b)fluoranthene	0.004		0.208	0.186	0	112.1	0.2215	6.26	06/08/2011	
Benzo(g,h,i)perylene	0.004		0.200	0.186	0	107.9	0.2154	7.26	06/08/2011	
Benzo(k)fluoranthene	0.004		0.207	0.186	0	111.3	0.2171	4.91	06/08/2011	
Bis(2-ethylhexyl)phthalate	0.074		0.260	0.186	0	140.3	0.2715	4.19	06/08/2011	
Chrysene	0.004		0.183	0.186	0	98.8	0.1937	5.45	06/08/2011	
Dibenzo(a,h)anthracene	0.004		0.213	0.186	0	114.6	0.2207	3.66	06/08/2011	
Fluoranthene	0.004		0.180	0.186	0	97.2	0.1966	8.59	06/08/2011	
Fluorene	0.004		0.152	0.186	0	81.7	0.1648	8.35	06/08/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.218	0.186	0	117.6	0.2263	3.60	06/08/2011	
Naphthalene	0.004		0.157	0.186	0.006543	81.3	0.1762	11.27	06/08/2011	
Phenanthrene	0.004		0.174	0.186	0.006506	90.0	0.1876	7.78	06/08/2011	
Pyrene	0.004		0.183	0.186	0.003327	96.6	0.2011	9.66	06/08/2011	
Surr: 2-Fluorobiphenyl			0.086	0.186		46.1			06/08/2011	
Surr: Nitrobenzene-d5			0.069	0.186		37.1			06/08/2011	
Surr: p-Terphenyl-d14			0.134	0.186		72.2			06/08/2011	

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11060324

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

Report Date: 09-Jun-11

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

Batch 68748 SampType: MBLK Units mg/Kg

SampID: MB-68748

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trichlorobenzene	0.500		ND						06/09/2011
1,2,4-Trichlorobenzene	0.500		ND						06/09/2011
1,2-Dichlorobenzene	0.500		ND						06/09/2011
1,2-Dichlorobenzene	0.500		ND						06/09/2011
1,3-Dichlorobenzene	0.500		ND						06/09/2011
1,3-Dichlorobenzene	0.500		ND						06/09/2011
1,4-Dichlorobenzene	0.500		ND						06/09/2011
1,4-Dichlorobenzene	0.500		ND						06/09/2011
2,4,5-Trichlorophenol	0.350		ND						06/09/2011
2,4,5-Trichlorophenol	0.350		ND						06/09/2011
2,4,6-Trichlorophenol	0.350		ND						06/09/2011
2,4,6-Trichlorophenol	0.350		ND						06/09/2011
2,4-Dichlorophenol	0.500		ND						06/09/2011
2,4-Dichlorophenol	0.500		ND						06/09/2011
2,4-Dimethylphenol	0.500		ND						06/09/2011
2,4-Dimethylphenol	0.500		ND						06/09/2011
2,4-Dinitrophenol	1.00		ND						06/09/2011
2,4-Dinitrophenol	1.00		ND						06/09/2011
2,4-Dinitrotoluene	0.350		ND						06/09/2011
2,4-Dinitrotoluene	0.350		ND						06/09/2011
2,6-Dinitrotoluene	0.350		ND						06/09/2011
2,6-Dinitrotoluene	0.350		ND						06/09/2011
2-Chloronaphthalene	0.350		ND						06/09/2011
2-Chloronaphthalene	0.350		ND						06/09/2011
2-Chlorophenol	0.500		ND						06/09/2011
2-Chlorophenol	0.500		ND						06/09/2011
2-Methoxy-4-methylphenol	0.650		ND						06/09/2011
2-Methoxy-4-methylphenol	0.650		ND						06/09/2011
2-Methylnaphthalene	0.350		ND						06/09/2011
2-Methylnaphthalene	0.350		ND						06/09/2011
2-Nitroaniline	1.00		ND						06/09/2011
2-Nitroaniline	1.00		ND						06/09/2011
2-Nitrophenol	0.350		ND						06/09/2011
2-Nitrophenol	0.350		ND						06/09/2011
3,3'-Dichlorobenzidine	0.350		ND						06/09/2011
3,3'-Dichlorobenzidine	0.350		ND						06/09/2011
3-Nitroaniline	1.00		ND						06/09/2011
3-Nitroaniline	1.00		ND						06/09/2011
4,6-Dinitro-2-methylphenol	1.00		ND						06/09/2011
4,6-Dinitro-2-methylphenol	1.00		ND						06/09/2011
4-Bromophenyl phenyl ether	0.350		ND						06/09/2011
4-Bromophenyl phenyl ether	0.350		ND						06/09/2011
4-Chloro-3-methylphenol	0.500		ND						06/09/2011
4-Chloro-3-methylphenol	0.500		ND						06/09/2011
4-Chloroaniline	0.500		ND						06/09/2011
4-Chloroaniline	0.500		ND						06/09/2011
4-Chlorophenyl phenyl ether	0.350		ND						06/09/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060324

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

**Report Date:** 09-Jun-11

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

**Batch** 68748      **SampType:** MBLK      **Units** mg/Kg

SampID: MB-68748

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
4-Chlorophenyl phenyl ether	0.350		ND						06/09/2011
4-Nitroaniline	0.500		ND						06/09/2011
4-Nitroaniline	0.500		ND						06/09/2011
4-Nitrophenol	0.350		ND						06/09/2011
4-Nitrophenol	0.350		ND						06/09/2011
Aniline	0.500		ND						06/09/2011
Aniline	0.500		ND						06/09/2011
Azobenzene	0.350		ND						06/09/2011
Azobenzene	0.350		ND						06/09/2011
Benzidine	1.06		ND						06/09/2011
Benzidine	1.06		ND						06/09/2011
Benzoic acid	1.50		ND						06/09/2011
Benzoic acid	1.50		ND						06/09/2011
Benzyl alcohol	0.500		ND						06/09/2011
Benzyl alcohol	0.500		ND						06/09/2011
Bis(2-chloroethoxy)methane	0.350		ND						06/09/2011
Bis(2-chloroethoxy)methane	0.350		ND						06/09/2011
Bis(2-chloroethyl)ether	0.500		ND						06/09/2011
Bis(2-chloroethyl)ether	0.500		ND						06/09/2011
Bis(2-chloroisopropyl)ether	0.350		ND						06/09/2011
Bis(2-chloroisopropyl)ether	0.350		ND						06/09/2011
Butyl benzyl phthalate	0.350		ND						06/09/2011
Butyl benzyl phthalate	0.350		ND						06/09/2011
Carbazole	0.500		ND						06/09/2011
Carbazole	0.500		ND						06/09/2011
Dibenzofuran	0.350		ND						06/09/2011
Dibenzofuran	0.350		ND						06/09/2011
Diethyl phthalate	0.500		ND						06/09/2011
Diethyl phthalate	0.500		ND						06/09/2011
Dimethyl phthalate	0.350		ND						06/09/2011
Dimethyl phthalate	0.350		ND						06/09/2011
Di-n-butyl phthalate	0.350		ND						06/09/2011
Di-n-butyl phthalate	0.350		ND						06/09/2011
Di-n-octyl phthalate	0.350		ND						06/09/2011
Di-n-octyl phthalate	0.350		ND						06/09/2011
Hexachlorobenzene	0.350		ND						06/09/2011
Hexachlorobenzene	0.350		ND						06/09/2011
Hexachlorobutadiene	0.500		ND						06/09/2011
Hexachlorobutadiene	0.500		ND						06/09/2011
Hexachlorocyclopentadiene	0.350		ND						06/09/2011
Hexachlorocyclopentadiene	0.350		ND						06/09/2011
Hexachloroethane	0.500		ND						06/09/2011
Hexachloroethane	0.500		ND						06/09/2011
Isophorone	0.350		ND						06/09/2011
Isophorone	0.350		ND						06/09/2011
m,p-Cresol	0.500		ND						06/09/2011
m,p-Cresol	0.500		ND						06/09/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11060324

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

Report Date: 09-Jun-11

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

Batch 68748		SampType: MBLK		Units mg/Kg						
SampID: MB-68748										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrobenzene	0.500		ND						06/09/2011	
Nitrobenzene	0.500		ND						06/09/2011	
N-Nitrosodimethylamine	0.500		ND						06/09/2011	
N-Nitrosodimethylamine	0.500		ND						06/09/2011	
N-Nitroso-di-n-propylamine	0.500		ND						06/09/2011	
N-Nitroso-di-n-propylamine	0.500		ND						06/09/2011	
N-Nitrosodiphenylamine	0.500		ND						06/09/2011	
N-Nitrosodiphenylamine	0.500		ND						06/09/2011	
o-Cresol	0.500		ND						06/09/2011	
o-Cresol	0.500		ND						06/09/2011	
Pentachlorophenol	2.00		ND						06/09/2011	
Pentachlorophenol	2.00		ND						06/09/2011	
Phenol	0.350		ND						06/09/2011	
Phenol	0.350		ND						06/09/2011	
Pyridine	0.500		ND						06/09/2011	
Pyridine	0.500		ND						06/09/2011	
1,2-Diphenylhydrazine	0.840		ND						06/09/2011	
1,2-Diphenylhydrazine	0.840		ND						06/09/2011	
Surr: 2,4,6-Tribromophenol			1.69	1.67		101.5	52.1	113	06/09/2011	
Surr: 2,4,6-Tribromophenol			1.69	1.67		101.5	52.1	113	06/09/2011	
Surr: 2-Fluorobiphenyl			0.726	0.835		87.0	46.3	106	06/09/2011	
Surr: 2-Fluorobiphenyl			0.726	0.835		87.0	46.3	106	06/09/2011	
Surr: 2-Fluorophenol			1.33	1.67		79.6	50.6	89	06/09/2011	
Surr: 2-Fluorophenol			1.33	1.67		79.6	50.6	89	06/09/2011	
Surr: Nitrobenzene-d5			0.681	0.835		81.6	42.4	99.2	06/07/2011	
Surr: Nitrobenzene-d5			0.700	0.835		83.8	42.4	99.2	06/09/2011	
Surr: Nitrobenzene-d5			0.700	0.835		83.8	42.4	99.2	06/09/2011	
Surr: Phenol-d5			1.30	1.67		77.8	55.9	98.5	06/09/2011	
Surr: Phenol-d5			1.30	1.67		77.8	55.9	98.5	06/09/2011	
Surr: p-Terphenyl-d14			0.861	0.835		103.2	45.5	115	06/09/2011	
Surr: p-Terphenyl-d14			0.861	0.835		103.2	45.5	115	06/09/2011	

Batch 68748		SampType: LCS		Units mg/Kg						
SampID: LCS-68748										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		1.31	1.67	0	78.6	43.9	92.2	06/09/2011	
1,4-Dichlorobenzene	0.500		1.18	1.67	0	70.5	43.8	84.1	06/09/2011	
2,4,5-Trichlorophenol	0.350		2.86	3.33	0	85.9	38.6	123	06/09/2011	
2,4,6-Trichlorophenol	0.350		3.07	3.33	0	92.3	35.9	123	06/09/2011	
2,4-Dimethylphenol	0.500		2.58	3.33	0	77.5	38.3	88	06/09/2011	
2,4-Dinitrophenol	1.00		2.90	3.33	0	87.1	1.88	162	06/09/2011	
2,4-Dinitrotoluene	0.350		1.45	1.67	0	87.1	48.6	102	06/09/2011	
2-Chlorophenol	0.500		2.43	3.33	0	72.9	46.6	84	06/09/2011	
4-Chloro-3-methylphenol	0.500		3.05	3.33	0	91.6	51.5	94.9	06/09/2011	
4-Nitrophenol	0.350	S	4.06	3.33	0	121.8	53.2	104	06/09/2011	
Diethyl phthalate	0.500		3.00	3.33	0	90.1	51.7	106	06/09/2011	
Dimethyl phthalate	0.350		3.03	3.33	0	90.8	58.8	104	06/09/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060324

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

**Report Date:** 09-Jun-11

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

Batch 68748		SampType: LCS		Units mg/Kg						
SampID: LCS-68748										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Di-n-butyl phthalate	0.350		1.64	1.67	0	98.2	54.3	105	06/09/2011	
Hexachlorobenzene	0.350		3.34	3.33	0	100.2	55.9	106	06/09/2011	
Hexachlorobutadiene	0.500		2.91	3.33	0	87.4	35.7	100	06/09/2011	
Hexachloroethane	0.500		2.47	3.33	0	74.3	38.9	89.9	06/09/2011	
m,p-Cresol	0.500		1.28	1.67	0	76.9	37.6	93.7	06/09/2011	
Nitrobenzene	0.500		2.51	3.33	0	75.5	51.8	104	06/09/2011	
N-Nitroso-di-n-propylamine	0.500		1.27	1.67	0	76.1	49.1	94.5	06/09/2011	
o-Cresol	0.500		1.27	1.67	0	76.1	43	101	06/09/2011	
Pentachlorophenol	2.00		2.80	3.33	0	84.1	42.2	102	06/09/2011	
Phenol	0.350		2.30	3.33	0	69.1	41.6	81.3	06/09/2011	
Pyridine	0.500		1.64	3.33	0	49.1	3.61	74.3	06/09/2011	
Surr: 2,4,6-Tribromophenol			1.48	1.67		88.8	52.1	113	06/09/2011	
Surr: 2-Fluorobiphenyl			0.635	0.835		76.0	46.3	106	06/09/2011	
Surr: 2-Fluorophenol			1.08	1.67		64.6	50.6	89	06/09/2011	
Surr: Nitrobenzene-d5			0.576	0.835		69.0	42.4	99.2	06/09/2011	
Surr: Nitrobenzene-d5			0.813	0.835		97.3	42.4	99.2	06/07/2011	
Surr: Phenol-d5			1.11	1.67		66.2	55.9	98.5	06/09/2011	
Surr: p-Terphenyl-d14			0.776	0.835		93.0	45.5	115	06/09/2011	

Batch 68748		SampType: LCS		Units %REC						
SampID: LCSDRO-68748										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: Nitrobenzene-d5			0.622	0.835		74.4	42.4	99.2	06/07/2011	

Batch 68748		SampType: MS		Units mg/Kg-dry						
SampID: 11060324-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.556		1.50	1.86	0	80.8	35.9	102	06/08/2011	
1,4-Dichlorobenzene	0.556		1.34	1.86	0	71.9	29.8	95.5	06/08/2011	
2,4,5-Trichlorophenol	0.389		2.92	3.70	0	79.0	38.6	123	06/08/2011	
2,4,6-Trichlorophenol	0.389		3.18	3.70	0	85.8	35.9	123	06/08/2011	
2,4-Dimethylphenol	0.556		2.91	3.70	0	78.6	38.3	88	06/08/2011	
2,4-Dinitrophenol	1.11		2.44	3.70	0	66.0	1.88	162	06/08/2011	
2,4-Dinitrotoluene	0.389		1.69	1.86	0	90.8	37.5	107	06/08/2011	
2-Chlorophenol	0.556		2.62	3.70	0	70.8	22.6	108	06/08/2011	
4-Chloro-3-methylphenol	0.556		3.17	3.70	0	85.5	19.3	131	06/08/2011	
4-Nitrophenol	0.389		4.29	3.70	0	115.7	27.6	123	06/08/2011	
Diethyl phthalate	0.556		3.49	3.70	0	94.2	51.7	106	06/08/2011	
Dimethyl phthalate	0.389		3.35	3.70	0	90.5	58.8	104	06/08/2011	
Di-n-butyl phthalate	0.389		1.89	1.86	0	101.7	54.3	105	06/08/2011	
Hexachlorobenzene	0.389		3.47	3.70	0	93.8	55.9	106	06/08/2011	
Hexachlorobutadiene	0.556		3.27	3.70	0	88.3	35.7	100	06/08/2011	
Hexachloroethane	0.556		2.80	3.70	0	75.6	38.9	89.9	06/08/2011	
m,p-Cresol	0.556		1.42	1.86	0	76.3	37.6	93.7	06/08/2011	
Nitrobenzene	0.556		2.84	3.70	0	76.8	51.8	104	06/08/2011	
N-Nitroso-di-n-propylamine	0.556		1.36	1.86	0	73.4	45.5	99.1	06/08/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060324

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

**Report Date:** 09-Jun-11

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

Batch 68748		SampType: MS		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11060324-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
o-Cresol	0.556		1.38	1.86	0	74.3	43	101	06/08/2011	
Pentachlorophenol	2.22		2.30	3.70	0	62.1	18.5	113	06/08/2011	
Phenol	0.389		2.62	3.70	0	70.9	20.8	110	06/08/2011	
Pyridine	0.556		1.89	3.70	0	51.1	3.61	74.3	06/08/2011	
Surr: 2,4,6-Tribromophenol			1.42	1.86		76.6	32.7	130	06/08/2011	
Surr: 2-Fluorobiphenyl			0.568	0.928		61.2	34.1	116	06/08/2011	
Surr: 2-Fluorophenol			1.15	1.86		62.1	30.5	99	06/08/2011	
Surr: Nitrobenzene-d5			0.583	0.928		62.8	34.1	101	06/08/2011	
Surr: Phenol-d5			1.20	1.86		64.5	34.9	110	06/08/2011	
Surr: p-Terphenyl-d14			0.846	0.928		91.1	41.7	124	06/08/2011	

Batch 68748		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11060324-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,2,4-Trichlorobenzene	0.554		1.42	1.85	0	77.0	1.501	5.26	06/08/2011	
1,4-Dichlorobenzene	0.554		1.29	1.85	0	69.7	1.335	3.44	06/08/2011	
2,4,5-Trichlorophenol	0.388		2.79	3.69	0	75.6	2.923	4.70	06/08/2011	
2,4,6-Trichlorophenol	0.388		3.01	3.69	0	81.7	3.175	5.19	06/08/2011	
2,4-Dimethylphenol	0.554		2.74	3.69	0	74.3	2.909	5.93	06/08/2011	
2,4-Dinitrophenol	1.11		2.50	3.69	0	67.7	2.443	2.27	06/08/2011	
2,4-Dinitrotoluene	0.388		1.64	1.85	0	88.6	1.686	2.82	06/08/2011	
2-Chlorophenol	0.554		2.53	3.69	0	68.5	2.621	3.69	06/08/2011	
4-Chloro-3-methylphenol	0.554		3.05	3.69	0	82.7	3.166	3.64	06/08/2011	
4-Nitrophenol	0.388		4.12	3.69	0	111.6	4.286	4.00	06/08/2011	
Diethyl phthalate	0.554		3.33	3.69	0	90.2	3.488	4.70	06/08/2011	
Dimethyl phthalate	0.388		3.22	3.69	0	87.3	3.352	3.98	06/08/2011	
Di-n-butyl phthalate	0.388		1.84	1.85	0	99.7	1.888	2.33	06/08/2011	
Hexachlorobenzene	0.388		3.40	3.69	0	92.2	3.474	2.14	06/08/2011	
Hexachlorobutadiene	0.554		3.18	3.69	0	86.2	3.270	2.84	06/08/2011	
Hexachloroethane	0.554		2.70	3.69	0	73.1	2.801	3.73	06/08/2011	
m,p-Cresol	0.554		1.35	1.85	0	72.8	1.417	5.13	06/08/2011	
Nitrobenzene	0.554		2.66	3.69	0	72.2	2.842	6.50	06/08/2011	
N-Nitroso-di-n-propylamine	0.554		1.33	1.85	0	72.1	1.363	2.15	06/08/2011	
o-Cresol	0.554		1.30	1.85	0	70.5	1.379	5.60	06/08/2011	
Pentachlorophenol	2.22		2.38	3.69	0	64.4	2.299	3.35	06/08/2011	
Phenol	0.388		2.46	3.69	0	66.8	2.624	6.30	06/08/2011	
Pyridine	0.554		1.79	3.69	0	48.6	1.891	5.27	06/08/2011	
Surr: 2,4,6-Tribromophenol			1.44	1.85		77.6			06/08/2011	
Surr: 2-Fluorobiphenyl			0.545	0.925		58.9			06/08/2011	
Surr: 2-Fluorophenol			1.11	1.85		59.8			06/08/2011	
Surr: Nitrobenzene-d5			0.549	0.925		59.3			06/08/2011	
Surr: Phenol-d5			1.18	1.85		63.8			06/08/2011	
Surr: p-Terphenyl-d14			0.882	0.925		95.3			06/08/2011	

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



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060324

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

**Report Date:** 09-Jun-11

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

Batch 68779		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-G110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.00		ND						06/07/2011	
1,1,1-Trichloroethane	5.00		ND						06/07/2011	
1,1,2,2-Tetrachloroethane	5.00		ND						06/07/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		ND						06/07/2011	
1,1,2-Trichloroethane	5.00		ND						06/07/2011	
1,1-Dichloro-2-propanone	50.0		ND						06/07/2011	
1,1-Dichloroethane	5.00		ND						06/07/2011	
1,1-Dichloroethene	5.00		ND						06/07/2011	
1,1-Dichloropropene	5.00		ND						06/07/2011	
1,2,3-Trichlorobenzene	5.00		ND						06/07/2011	
1,2,3-Trichloropropane	10.0		ND						06/07/2011	
1,2,3-Trimethylbenzene	5.00		ND						06/07/2011	
1,2,4-Trichlorobenzene	5.00		ND						06/07/2011	
1,2,4-Trimethylbenzene	5.00		ND						06/07/2011	
1,2-Dibromo-3-chloropropane	5.00		ND						06/07/2011	
1,2-Dibromoethane	5.00		ND						06/07/2011	
1,2-Dichlorobenzene	5.00		ND						06/07/2011	
1,2-Dichloroethane	5.00		ND						06/07/2011	
1,2-Dichloropropane	5.00		ND						06/07/2011	
1,3,5-Trimethylbenzene	5.00		ND						06/07/2011	
1,3-Dichlorobenzene	5.00		ND						06/07/2011	
1,3-Dichloropropane	5.00		ND						06/07/2011	
1,4-Dichlorobenzene	5.00		ND						06/07/2011	
1-Chlorobutane	5.00		ND						06/07/2011	
2,2-Dichloropropane	5.00		ND						06/07/2011	
2-Butanone	50.0		ND						06/07/2011	
2-Chlorotoluene	5.00		ND						06/07/2011	
2-Hexanone	50.0		ND						06/07/2011	
2-Nitropropane	50.0		ND						06/07/2011	
4-Chlorotoluene	5.00		ND						06/07/2011	
4-Methyl-2-pentanone	50.0		ND						06/07/2011	
Acetone	50.0		ND						06/07/2011	
Acetonitrile	100		ND						06/07/2011	
Acrolein	100		ND						06/07/2011	
Acrylonitrile	10.0		ND						06/07/2011	
Allyl chloride	5.00		ND						06/07/2011	
Benzene	1.00		ND						06/07/2011	
Bromobenzene	5.00		ND						06/07/2011	
Bromochloromethane	5.00		ND						06/07/2011	
Bromodichloromethane	5.00		ND						06/07/2011	
Bromoform	5.00		ND						06/07/2011	
Bromomethane	10.0		ND						06/07/2011	
Carbon disulfide	5.00		ND						06/07/2011	
Carbon tetrachloride	5.00		ND						06/07/2011	
Chlorobenzene	5.00		ND						06/07/2011	
Chloroethane	10.0		ND						06/07/2011	
Chloroform	5.00		ND						06/07/2011	



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060324

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

**Report Date:** 09-Jun-11

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

Batch 68779		SampType: MBLK		Units µg/Kg					Date Analyzed
SampID: MBLK-G110607-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Chloromethane	10.0		ND						06/07/2011
cis-1,2-Dichloroethene	5.00		ND						06/07/2011
cis-1,3-Dichloropropene	4.00		ND						06/07/2011
Cyclohexanone	100		ND						06/07/2011
Dibromochloromethane	5.00		ND						06/07/2011
Dibromomethane	5.00		ND						06/07/2011
Dichlorodifluoromethane	10.0		ND						06/07/2011
Ethyl acetate	50.0		ND						06/07/2011
Ethyl ether	5.00		ND						06/07/2011
Ethyl methacrylate	5.00		ND						06/07/2011
Ethylbenzene	5.00		ND						06/07/2011
Heptane	20.0		ND						06/07/2011
Hexachlorobutadiene	5.00		ND						06/07/2011
Hexachloroethane	5.00		ND						06/07/2011
Iodomethane	10.0		ND						06/07/2011
Isopropylbenzene	5.00		ND						06/07/2011
m,p-Xylenes	5.00		ND						06/07/2011
Methacrylonitrile	50.0		ND						06/07/2011
Methyl Methacrylate	5.00		ND						06/07/2011
Methyl tert-butyl ether	2.00		ND						06/07/2011
Methylacrylate	10.0		ND						06/07/2011
Methylene chloride	5.00		ND						06/07/2011
Naphthalene	10.0		ND						06/07/2011
n-Butylbenzene	5.00		ND						06/07/2011
n-Hexane	20.0		ND						06/07/2011
Nitrobenzene	100		ND						06/07/2011
n-Propylbenzene	5.00		ND						06/07/2011
o-Xylene	5.00		ND						06/07/2011
Pentachloroethane	5.00		ND						06/07/2011
p-Isopropyltoluene	5.00		ND						06/07/2011
Propionitrile	50.0		ND						06/07/2011
sec-Butylbenzene	5.00		ND						06/07/2011
Styrene	5.00		ND						06/07/2011
tert-Butylbenzene	5.00		ND						06/07/2011
Tetrachloroethene	5.00		ND						06/07/2011
Tetrahydrofuran	50.0		ND						06/07/2011
Toluene	5.00		ND						06/07/2011
trans-1,2-Dichloroethene	5.00		ND						06/07/2011
trans-1,3-Dichloropropene	4.00		ND						06/07/2011
trans-1,4-Dichloro-2-butene	10.0		ND						06/07/2011
Trichloroethene	5.00		ND						06/07/2011
Trichlorofluoromethane	5.00		ND						06/07/2011
Vinyl acetate	50.0		ND						06/07/2011
Vinyl chloride	2.00		ND						06/07/2011
Xylenes, Total	5.00		ND						06/07/2011
Gasoline Range Organics (OA-1)	1000		ND						06/07/2011
Surr: 1,2-Dichloroethane-d4			56.6	50.0		113.2	72.2	131	06/07/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060324

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

**Report Date:** 09-Jun-11

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

Batch 68779		SampType: MBLK		Units µg/Kg					
SampID: MBLK-G110607-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: 4-Bromofluorobenzene			54.8	50.0		109.7	82.1	116	06/07/2011
Surr: Dibromofluoromethane			55.1	50.0		110.2	77.7	120	06/07/2011
Surr: Toluene-d8			47.1	50.0		94.2	86	116	06/07/2011

Batch 68779		SampType: LCSD		Units µg/Kg		RPD Limit 40			
SampID: LCSD-G110607-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
1,1,1,2-Tetrachloroethane	5.00		52.3	50.0	0	104.6	52.53	0.46	06/07/2011
1,1,1-Trichloroethane	5.00		55.8	50.0	0	111.7	55.42	0.77	06/07/2011
1,1,2,2-Tetrachloroethane	5.00		46.4	50.0	0	92.8	45.40	2.20	06/07/2011
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		47.7	50.0	0	95.4	49.19	3.10	06/07/2011
1,1,2-Trichloroethane	5.00		48.7	50.0	0	97.3	47.82	1.76	06/07/2011
1,1-Dichloro-2-propanone	50.0		149	125	0	119.5	139.2	7.01	06/07/2011
1,1-Dichloroethane	5.00		47.2	50.0	0	94.5	47.05	0.42	06/07/2011
1,1-Dichloroethene	5.00		48.4	50.0	0	96.8	48.67	0.56	06/07/2011
1,1-Dichloropropene	5.00		49.0	50.0	0	97.9	48.87	0.18	06/07/2011
1,2,3-Trichlorobenzene	5.00		54.6	50.0	0	109.2	55.51	1.65	06/07/2011
1,2,3-Trichloropropane	10.0		52.4	50.0	0	104.8	51.24	2.28	06/07/2011
1,2,3-Trimethylbenzene	5.00		49.2	50.0	0	98.4	49.30	0.20	06/07/2011
1,2,4-Trichlorobenzene	5.00		54.3	50.0	0	108.6	55.41	2.02	06/07/2011
1,2,4-Trimethylbenzene	5.00		48.4	50.0	0	96.7	48.30	0.14	06/07/2011
1,2-Dibromo-3-chloropropane	5.00		56.1	50.0	0	112.2	52.47	6.65	06/07/2011
1,2-Dibromoethane	5.00		51.8	50.0	0	103.5	50.88	1.71	06/07/2011
1,2-Dichlorobenzene	5.00		48.8	50.0	0	97.7	49.04	0.39	06/07/2011
1,2-Dichloroethane	5.00		56.3	50.0	0	112.5	55.52	1.32	06/07/2011
1,2-Dichloropropane	5.00		45.4	50.0	0	90.7	45.91	1.23	06/07/2011
1,3,5-Trimethylbenzene	5.00		46.9	50.0	0	93.8	46.85	0.06	06/07/2011
1,3-Dichlorobenzene	5.00		48.9	50.0	0	97.9	48.85	0.16	06/07/2011
1,3-Dichloropropane	5.00		46.3	50.0	0	92.5	46.81	1.16	06/07/2011
1,4-Dichlorobenzene	5.00		47.9	50.0	0	95.8	48.21	0.65	06/07/2011
1-Chlorobutane	5.00		43.8	50.0	0	87.6	43.98	0.41	06/07/2011
2,2-Dichloropropane	5.00		52.9	50.0	0	105.7	53.17	0.58	06/07/2011
2-Butanone	50.0		104	125	0	83.0	120.8	15.22	06/07/2011
2-Chlorotoluene	5.00		46.4	50.0	0	92.9	46.58	0.32	06/07/2011
2-Hexanone	50.0		113	125	0	90.2	119.0	5.39	06/07/2011
2-Nitropropane	50.0		629	500	0	125.8	597.3	5.15	06/07/2011
4-Chlorotoluene	5.00		46.7	50.0	0	93.4	46.97	0.53	06/07/2011
4-Methyl-2-pentanone	50.0		128	125	0	102.6	123.8	3.53	06/07/2011
Acetone	50.0		94.1	125	0	75.2	127.4	30.12	06/07/2011
Acetonitrile	100		454	500	0	90.9	436.7	3.96	06/07/2011
Acrylonitrile	10.0		48.0	50.0	0	96.1	45.52	5.39	06/07/2011
Allyl chloride	5.00		46.8	50.0	0	93.7	46.02	1.79	06/07/2011
Benzene	1.00		45.8	50.0	0	91.5	45.84	0.17	06/07/2011
Bromobenzene	5.00		50.0	50.0	0	100	49.36	1.31	06/07/2011
Bromochloromethane	5.00		46.8	50.0	0	93.5	46.07	1.47	06/07/2011
Bromodichloromethane	5.00		53.3	50.0	0	106.6	52.43	1.65	06/07/2011
Bromoform	5.00		57.1	50.0	0	114.1	56.33	1.29	06/07/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060324

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

**Report Date:** 09-Jun-11

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

Batch 68779	SampType: LCSD	Units µg/Kg		RPD Limit 40						
SampID: LCSD-G110607-1		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Analyses										
Bromomethane		10.0		46.3	50.0	0	92.7	45.75	1.26	06/07/2011
Carbon disulfide		5.00		44.1	50.0	0	88.1	44.26	0.45	06/07/2011
Carbon tetrachloride		5.00		58.1	50.0	0	116.2	58.03	0.14	06/07/2011
Chlorobenzene		5.00		48.2	50.0	0	96.3	48.37	0.41	06/07/2011
Chloroethane		10.0		42.1	50.0	0	84.3	41.24	2.16	06/07/2011
Chloroform		5.00		52.1	50.0	0	104.1	51.26	1.57	06/07/2011
Chloromethane		10.0		39.8	50.0	0	79.5	38.92	2.14	06/07/2011
cis-1,2-Dichloroethene		5.00		48.6	50.0	0	97.1	48.17	0.83	06/07/2011
cis-1,3-Dichloropropene		4.00		51.1	50.0	0	102.2	51.28	0.37	06/07/2011
Cyclohexanone		100		245	250	0	98.0	243.8	0.51	06/07/2011
Dibromochloromethane		5.00		53.9	50.0	0	107.8	53.85	0.11	06/07/2011
Dibromomethane		5.00		52.4	50.0	0	104.8	51.93	0.94	06/07/2011
Dichlorodifluoromethane		10.0		32.8	50.0	0	65.7	33.57	2.17	06/07/2011
Ethyl acetate		50.0		57.2	50.0	0	114.5	51.99	9.63	06/07/2011
Ethyl ether		5.00		48.7	50.0	0	97.5	48.59	0.31	06/07/2011
Ethyl methacrylate		5.00		50.6	50.0	0	101.1	49.47	2.16	06/07/2011
Ethylbenzene		5.00		46.3	50.0	0	92.5	47.14	1.86	06/07/2011
Heptane		20.0		41.1	50.0	0	82.2	41.31	0.53	06/07/2011
Hexachlorobutadiene		5.00		56.4	50.0	0	112.9	58.05	2.81	06/07/2011
Hexachloroethane		5.00		50.7	50.0	0	101.5	50.37	0.73	06/07/2011
Iodomethane		10.0		51.4	50.0	0	102.8	49.53	3.69	06/07/2011
Isopropylbenzene		5.00		48.4	50.0	0	96.8	48.59	0.39	06/07/2011
m,p-Xylenes		5.00		94.4	100	0	94.4	95.00	0.62	06/07/2011
Methacrylonitrile		50.0	J	48	50.0	0	95.7	46.67	0.00	06/07/2011
Methyl Methacrylate		5.00		54.0	50.0	0	108.0	53.42	1.06	06/07/2011
Methyl tert-butyl ether		2.00		54.9	50.0	0	109.8	54.64	0.46	06/07/2011
Methylacrylate		10.0		50.4	50.0	0	100.9	48.88	3.14	06/07/2011
Methylene chloride		5.00		48.8	50.0	0	97.6	47.80	2.09	06/07/2011
Naphthalene		10.0		53.6	50.0	0	107.1	53.13	0.82	06/07/2011
n-Butylbenzene		5.00		44.7	50.0	0	89.4	45.45	1.62	06/07/2011
n-Hexane		20.0		42.1	50.0	0	84.2	43.07	2.25	06/07/2011
Nitrobenzene		100		527	500	0	105.4	501.8	4.89	06/07/2011
n-Propylbenzene		5.00		45.3	50.0	0	90.5	45.33	0.15	06/07/2011
o-Xylene		5.00		47.8	50.0	0	95.6	47.58	0.48	06/07/2011
Pentachloroethane		5.00		52.8	50.0	0	105.7	53.34	0.92	06/07/2011
p-Isopropyltoluene		5.00		48.7	50.0	0	97.5	49.32	1.18	06/07/2011
Propionitrile		50.0		505	500	0	101.1	484.1	4.29	06/07/2011
sec-Butylbenzene		5.00		46.1	50.0	0	92.2	46.33	0.54	06/07/2011
Styrene		5.00		49.5	50.0	0	98.9	49.48	0.04	06/07/2011
tert-Butylbenzene		5.00		48.0	50.0	0	96.1	48.30	0.54	06/07/2011
Tetrachloroethene		5.00		47.5	50.0	0	95.1	49.01	3.07	06/07/2011
Tetrahydrofuran		50.0		55.3	50.0	0	110.6	52.26	5.67	06/07/2011
Toluene		5.00		43.9	50.0	0	87.8	43.94	0.09	06/07/2011
trans-1,2-Dichloroethene		5.00		47.7	50.0	0	95.5	48.06	0.69	06/07/2011
trans-1,3-Dichloropropene		4.00		50.6	50.0	0	101.3	50.76	0.24	06/07/2011
trans-1,4-Dichloro-2-butene		10.0		50.4	50.0	0	100.8	50.03	0.70	06/07/2011
Trichloroethene		5.00		52.5	50.0	0	105.0	52.59	0.15	06/07/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060324

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

**Report Date:** 09-Jun-11

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

Batch 68779		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-G110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Trichlorofluoromethane	5.00		51.1	50.0	0	102.1	51.34	0.55	06/07/2011	
Vinyl acetate	50.0	J	50	50.0	0	99.9	49.29	0.00	06/07/2011	
Vinyl chloride	2.00		48.7	50.0	0	97.4	48.17	1.05	06/07/2011	
Xylenes, Total	5.00		142	150	0	94.8	142.6	0.25	06/07/2011	
Surr: 1,2-Dichloroethane-d4			56.2	50.0		112.5			06/07/2011	
Surr: 4-Bromofluorobenzene			53.6	50.0		107.3			06/07/2011	
Surr: Dibromofluoromethane			54.3	50.0		108.6			06/07/2011	
Surr: Toluene-d8			47.6	50.0		95.2			06/07/2011	

Batch 68779		SampType: LCS		Units µg/Kg						Date Analyzed
SampID: LCS-G110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.00		52.5	50.0	0	105.1	0	200	06/07/2011	
1,1,1-Trichloroethane	5.00		55.4	50.0	0	110.8	85.8	124	06/07/2011	
1,1,2,2-Tetrachloroethane	5.00		45.4	50.0	0	90.8	0	200	06/07/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		49.2	50.0	0	98.4	0	200	06/07/2011	
1,1,2-Trichloroethane	5.00		47.8	50.0	0	95.6	0	200	06/07/2011	
1,1-Dichloro-2-propanone	50.0		139	125	0	111.4	0	200	06/07/2011	
1,1-Dichloroethane	5.00		47.0	50.0	0	94.1	0	200	06/07/2011	
1,1-Dichloroethene	5.00		48.7	50.0	0	97.3	60.1	131	06/07/2011	
1,1-Dichloropropene	5.00		48.9	50.0	0	97.7	0	200	06/07/2011	
1,2,3-Trichlorobenzene	5.00		55.5	50.0	0	111.0	0	200	06/07/2011	
1,2,3-Trichloropropane	10.0		51.2	50.0	0	102.5	0	200	06/07/2011	
1,2,3-Trimethylbenzene	5.00		49.3	50.0	0	98.6	0	200	06/07/2011	
1,2,4-Trichlorobenzene	5.00		55.4	50.0	0	110.8	0	200	06/07/2011	
1,2,4-Trimethylbenzene	5.00		48.3	50.0	0	96.6	0	200	06/07/2011	
1,2-Dibromo-3-chloropropane	5.00		52.5	50.0	0	104.9	0	200	06/07/2011	
1,2-Dibromoethane	5.00		50.9	50.0	0	101.8	86.9	119	06/07/2011	
1,2-Dichlorobenzene	5.00		49.0	50.0	0	98.1	88	119	06/07/2011	
1,2-Dichloroethane	5.00		55.5	50.0	0	111.0	73	117	06/07/2011	
1,2-Dichloropropane	5.00		45.9	50.0	0	91.8	0	200	06/07/2011	
1,3,5-Trimethylbenzene	5.00		46.8	50.0	0	93.7	0	200	06/07/2011	
1,3-Dichlorobenzene	5.00		48.8	50.0	0	97.7	85.8	125	06/07/2011	
1,3-Dichloropropane	5.00		46.8	50.0	0	93.6	0	200	06/07/2011	
1,4-Dichlorobenzene	5.00		48.2	50.0	0	96.4	84.5	124	06/07/2011	
1-Chlorobutane	5.00		44.0	50.0	0	88.0	0	200	06/07/2011	
2,2-Dichloropropane	5.00		53.2	50.0	0	106.3	0	200	06/07/2011	
2-Butanone	50.0		121	125	0	96.6	45.3	136	06/07/2011	
2-Chlorotoluene	5.00		46.6	50.0	0	93.2	0	200	06/07/2011	
2-Hexanone	50.0		119	125	0	95.2	0	200	06/07/2011	
2-Nitropropane	50.0		597	500	0	119.5	0	200	06/07/2011	
4-Chlorotoluene	5.00		47.0	50.0	0	93.9	0	200	06/07/2011	
4-Methyl-2-pentanone	50.0		124	125	0	99.0	0	200	06/07/2011	
Acetone	50.0		127	125	0	101.9	0	200	06/07/2011	
Acetonitrile	100		437	500	0	87.3	0	200	06/07/2011	
Acrylonitrile	10.0		45.5	50.0	0	91.0	0	200	06/07/2011	
Allyl chloride	5.00		46.0	50.0	0	92.0	0	200	06/07/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060324

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

Report Date: 09-Jun-11

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

Batch 68779	SampType: LCS	Units µg/Kg								
SampID: LCS-G110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	1.00		45.8	50.0	0	91.7	73.9	109	06/07/2011	
Bromobenzene	5.00		49.4	50.0	0	98.7	0	200	06/07/2011	
Bromochloromethane	5.00		46.1	50.0	0	92.1	0	200	06/07/2011	
Bromodichloromethane	5.00		52.4	50.0	0	104.9	91.3	126	06/07/2011	
Bromoform	5.00		56.3	50.0	0	112.7	0	200	06/07/2011	
Bromomethane	10.0		45.8	50.0	0	91.5	0	200	06/07/2011	
Carbon disulfide	5.00		44.3	50.0	0	88.5	0	200	06/07/2011	
Carbon tetrachloride	5.00		58.0	50.0	0	116.1	83.3	127	06/07/2011	
Chlorobenzene	5.00		48.4	50.0	0	96.7	85.8	116	06/07/2011	
Chloroethane	10.0		41.2	50.0	0	82.5	0	200	06/07/2011	
Chloroform	5.00		51.3	50.0	0	102.5	80	113	06/07/2011	
Chloromethane	10.0		38.9	50.0	0	77.8	0	200	06/07/2011	
cis-1,2-Dichloroethene	5.00		48.2	50.0	0	96.3	0	200	06/07/2011	
cis-1,3-Dichloropropene	4.00		51.3	50.0	0	102.6	0	200	06/07/2011	
Cyclohexanone	100		244	250	0	97.5	0	200	06/07/2011	
Dibromochloromethane	5.00		53.8	50.0	0	107.7	89.1	119	06/07/2011	
Dibromomethane	5.00		51.9	50.0	0	103.9	0	200	06/07/2011	
Dichlorodifluoromethane	10.0		33.6	50.0	0	67.1	0	200	06/07/2011	
Ethyl acetate	50.0		52.0	50.0	0	104.0	0	200	06/07/2011	
Ethyl ether	5.00		48.6	50.0	0	97.2	0	200	06/07/2011	
Ethyl methacrylate	5.00		49.5	50.0	0	98.9	0	200	06/07/2011	
Ethylbenzene	5.00		47.1	50.0	0	94.3	84.1	115	06/07/2011	
Heptane	20.0		41.3	50.0	0	82.6	0	200	06/07/2011	
Hexachlorobutadiene	5.00		58.0	50.0	0	116.1	0	200	06/07/2011	
Hexachloroethane	5.00		50.4	50.0	0	100.7	0	200	06/07/2011	
Iodomethane	10.0		49.5	50.0	0	99.1	0	200	06/07/2011	
Isopropylbenzene	5.00		48.6	50.0	0	97.2	0	200	06/07/2011	
m,p-Xylenes	5.00		95.0	100	0	95.0	79.1	111	06/07/2011	
Methacrylonitrile	50.0	J	47	50.0	0	93.3	0	200	06/07/2011	
Methyl Methacrylate	5.00		53.4	50.0	0	106.8	0	200	06/07/2011	
Methyl tert-butyl ether	2.00		54.6	50.0	0	109.3	80	128	06/07/2011	
Methylacrylate	10.0		48.9	50.0	0	97.8	0	200	06/07/2011	
Methylene chloride	5.00		47.8	50.0	0	95.6	73.9	116	06/07/2011	
Naphthalene	10.0		53.1	50.0	0	106.3	73.1	135	06/07/2011	
n-Butylbenzene	5.00		45.4	50.0	0	90.9	0	200	06/07/2011	
n-Hexane	20.0		43.1	50.0	0	86.1	0	200	06/07/2011	
Nitrobenzene	100		502	500	0	100.4	0	200	06/07/2011	
n-Propylbenzene	5.00		45.3	50.0	0	90.7	0	200	06/07/2011	
o-Xylene	5.00		47.6	50.0	0	95.2	82	117	06/07/2011	
Pentachloroethane	5.00		53.3	50.0	0	106.7	0	200	06/07/2011	
p-Isopropyltoluene	5.00		49.3	50.0	0	98.6	0	200	06/07/2011	
Propionitrile	50.0		484	500	0	96.8	0	200	06/07/2011	
sec-Butylbenzene	5.00		46.3	50.0	0	92.7	0	200	06/07/2011	
Styrene	5.00		49.5	50.0	0	99.0	0	200	06/07/2011	
tert-Butylbenzene	5.00		48.3	50.0	0	96.6	0	200	06/07/2011	
Tetrachloroethene	5.00		49.0	50.0	0	98.0	74.6	115	06/07/2011	
Tetrahydrofuran	50.0		52.3	50.0	0	104.5	0	200	06/07/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060324

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

**Report Date:** 09-Jun-11

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

Batch 68779		SampType: LCS		Units µg/Kg						Date Analyzed
SampID: LCS-G110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Toluene	5.00		<b>43.9</b>	50.0	0	87.9	79.1	112	06/07/2011	
trans-1,2-Dichloroethene	5.00		<b>48.1</b>	50.0	0	96.1	0	200	06/07/2011	
trans-1,3-Dichloropropene	4.00		<b>50.8</b>	50.0	0	101.5	0	200	06/07/2011	
trans-1,4-Dichloro-2-butene	10.0		<b>50.0</b>	50.0	0	100.1	0	200	06/07/2011	
Trichloroethene	5.00		<b>52.6</b>	50.0	0	105.2	81	111	06/07/2011	
Trichlorofluoromethane	5.00		<b>51.3</b>	50.0	0	102.7	0	200	06/07/2011	
Vinyl acetate	50.0	J	<b>49</b>	50.0	0	98.6	0	200	06/07/2011	
Vinyl chloride	2.00		<b>48.2</b>	50.0	0	96.3	0	200	06/07/2011	
Xylenes, Total	5.00		<b>143</b>	150	0	95.1	79.1	117	06/07/2011	
Surr: 1,2-Dichloroethane-d4			<b>55.8</b>	50.0		111.7	72.2	131	06/07/2011	
Surr: 4-Bromofluorobenzene			<b>53.6</b>	50.0		107.2	82.1	116	06/07/2011	
Surr: Dibromofluoromethane			<b>54.0</b>	50.0		108.1	77.7	120	06/07/2011	
Surr: Toluene-d8			<b>46.7</b>	50.0		93.3	86	116	06/07/2011	

Batch 68779		SampType: LCSGD		Units µg/Kg		RPD Limit 20				Date Analyzed
SampID: LCSGD-G110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Gasoline Range Organics (OA-1)	1000		<b>1830</b>	2000	0	91.5	1946	6.13	06/07/2011	
Surr: 1,2-Dichloroethane-d4			<b>56.3</b>	50.0		112.6			06/07/2011	
Surr: 4-Bromofluorobenzene			<b>54.9</b>	50.0		109.9			06/07/2011	
Surr: Dibromofluoromethane			<b>53.3</b>	50.0		106.7			06/07/2011	
Surr: Toluene-d8			<b>47.9</b>	50.0		95.8			06/07/2011	

Batch 68779		SampType: LCSG		Units µg/Kg						Date Analyzed
SampID: LCSG-G110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Gasoline Range Organics (OA-1)	1000		<b>1950</b>	2000	0	97.3	70	130	06/07/2011	
Surr: 1,2-Dichloroethane-d4			<b>54.9</b>	50.0		109.7	61	128	06/07/2011	
Surr: 4-Bromofluorobenzene			<b>54.9</b>	50.0		109.9	78.2	117	06/07/2011	
Surr: Dibromofluoromethane			<b>52.7</b>	50.0		105.5	66.6	130	06/07/2011	
Surr: Toluene-d8			<b>47.2</b>	50.0		94.5	80.1	122	06/07/2011	



# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11060324

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

Report Date: 09-Jun-11

Carrier: Sean Spinner

Received By: TWM

Completed by:

Reviewed by:

On:

On:

07-Jun-11

07-Jun-11

Dawn Brantley

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 4.6
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.

11 0 60324

# 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 10025

Project Name: Champaign MGP Project Mgr.: P. Szyszka  
Project Number: 624-0908-012 Cost Code: J0002  
Sampler(s): Floor

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 *		VOC (8260)	TPH (8270)	RCA Metals (8275M)	CN- total ammonia N	TPH (041) ammonia	BOD (042)	TH			TSS		
P9-DE1.5-F(24)	6/7/11	0900	X	X	X	X	X	9	X	X	X	X	X	X					*RUSH * P9-DE1.5-F24 is on this COC all the other samples on another COC P9	11060 324 -001
P9-E1-W(3)		0910	X	X	X	X	X	9	X	X	X	X	X	X						
P9-E1-W(8)		0920	X	X	X	X	X	9	X	X	X	X	X	X						
P9-D1-W(3)		0940	X	X	X	X	X	9	X	X	X	X	X	X						
P9-D1-W(8)		0950	X	X	X	X	X	6	X	X	X	X	X	X						
6773T 0607H	6/7/11	1045	X					7	X	X	X	X	X	X						

## 1 DAY

Teklab, Inc.  
Courier PickUp

**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. Szyszka, T.L. Hensler
- Send Invoice to: B. Martin
- QC Deliverable Requested:  Full QC & Limits  EDD  Other
- Special Guidelines: \_\_\_\_\_
- Reporting Limits: IL TAGO JAC 740/742.
- \* Special: \_\_\_\_\_

**Shipping:**

Carrier / Airbill No. \_\_\_\_\_  
 Signature \_\_\_\_\_  
 Date 6/7/11 1105  
 Time 1500

**Relinquished by:**

Signature \_\_\_\_\_  
 Date 6/7/11 1105  
 Time 1500

**Received by:**

Signature \_\_\_\_\_  
 Date 6/7/11 1105  
 Time 1500

June 16, 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:** 11060325

Dear Pete Sazama:

TEKLAB, INC received 5 samples on 6/7/2011 3:00:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

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

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

Sincerely,



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



## Report Contents

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

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

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

**Report Date:** 16-Jun-11

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**This reporting package includes the following:**

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

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

**Report Date:** 16-Jun-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:** 11060325

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

**Report Date:** 16-Jun-11

**Cooler Receipt Temp:** 4.6 °C

### Locations and Accreditations

#### Collinsville

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Lenexa, KS 66214

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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		4/30/2012	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: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-001

Client Sample ID: P9-E1-W (3)

Matrix: SOLID

Collection Date: 06/07/2011 9:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		21.2	%	1	06/08/2011 14:15	R150528
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		78.8	%	1	06/08/2011 14:15	R150497
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		3.49		< 3.49	mg/Kg-dry	5	06/09/2011 10:42	R150557
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	3.49	SR	10.6	mg/Kg-dry	5	06/09/2011 10:42	R150557
<i>Sample concentration was greater than 5 times the spike concentration.</i>								
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		12.7	mg/Kg-dry	1	06/13/2011 13:49	68842
Barium	NELAP	0.50		161	mg/Kg-dry	1	06/13/2011 13:49	68842
Cadmium	NELAP	0.20	J	0.13	mg/Kg-dry	1	06/13/2011 13:49	68842
Chromium	NELAP	1.00		25.0	mg/Kg-dry	1	06/13/2011 13:49	68842
Lead	NELAP	4.00		14.0	mg/Kg-dry	1	06/13/2011 13:49	68842
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	06/13/2011 13:49	68842
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	06/10/2011 11:44	68828
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012		0.065	mg/Kg-dry	1	06/08/2011 10:00	68792
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 1:26	68781
Acenaphthylene	NELAP	0.004		0.024	mg/Kg-dry	1	06/14/2011 1:26	68781
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 1:26	68781
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 1:26	68781
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 1:26	68781
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 1:26	68781
Benzo(g,h,i)perylene	NELAP	0.004		0.015	mg/Kg-dry	1	06/14/2011 1:26	68781
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 1:26	68781
Bis(2-ethylhexyl)phthalate	NELAP	0.085		ND	mg/Kg-dry	1	06/14/2011 1:26	68781
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 1:26	68781
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 1:26	68781
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 1:26	68781
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 1:26	68781
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.008	mg/Kg-dry	1	06/14/2011 1:26	68781
Naphthalene	NELAP	0.004		0.021	mg/Kg-dry	1	06/14/2011 1:26	68781
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 1:26	68781
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 1:26	68781
Surr: 2-Fluorobiphenyl		10-131		94.8	%REC	1	06/14/2011 1:26	68781
Surr: Nitrobenzene-d5		10-132		91.4	%REC	1	06/14/2011 1:26	68781
Surr: p-Terphenyl-d14		80.2-138		93.8	%REC	1	06/14/2011 1:26	68781
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
1,2-Dichlorobenzene	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
1,3-Dichlorobenzene	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
1,4-Dichlorobenzene	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
2,4,5-Trichlorophenol	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793



Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-001

Client Sample ID: P9-E1-W (3)

Matrix: SOLID

Collection Date: 06/07/2011 9:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,6-Trichlorophenol	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
2,4-Dichlorophenol	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
2,4-Dimethylphenol	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
2,4-Dinitrophenol	NELAP	1.26		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
2,4-Dinitrotoluene	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
2,6-Dinitrotoluene	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
2-Chloronaphthalene	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
2-Chlorophenol	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
2-Methoxy-4-methylphenol		0.822		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
2-Methylnaphthalene	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
2-Nitroaniline	NELAP	1.26		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
2-Nitrophenol	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
3,3'-Dichlorobenzidine	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
3-Nitroaniline	NELAP	1.26		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
4,6-Dinitro-2-methylphenol	NELAP	1.26		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
4-Bromophenyl phenyl ether	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
4-Chloro-3-methylphenol	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
4-Chloroaniline	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
4-Chlorophenyl phenyl ether	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
4-Nitroaniline	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
4-Nitrophenol	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Aniline	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Azobenzene		0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Benzidine	NELAP	1.34		see note	mg/Kg-dry	1	06/09/2011 19:51	68793
Benzoic acid	NELAP	1.90		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Benzyl alcohol	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Bis(2-chloroethoxy)methane	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Bis(2-chloroethyl)ether	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Bis(2-chloroisopropyl)ether	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Butyl benzyl phthalate	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Carbazole		0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Dibenzofuran	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Diethyl phthalate	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Dimethyl phthalate	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Di-n-butyl phthalate	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Di-n-octyl phthalate	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Hexachlorobenzene	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Hexachlorobutadiene	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Hexachlorocyclopentadiene	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Hexachloroethane	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Isophorone	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
m,p-Cresol	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Nitrobenzene	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
N-Nitrosodimethylamine	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
N-Nitroso-di-n-propylamine	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
N-Nitrosodiphenylamine	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
o-Cresol	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-001

Client Sample ID: P9-E1-W (3)

Matrix: SOLID

Collection Date: 06/07/2011 9:10

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	2.53		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Phenol	NELAP	0.443		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Pyridine	NELAP	0.632		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
1,2-Diphenylhydrazine		1.06		ND	mg/Kg-dry	1	06/09/2011 19:51	68793
Surr: 2,4,6-Tribromophenol		32.7-130		93.2	%REC	1	06/09/2011 19:51	68793
Surr: 2-Fluorobiphenyl		34.1-116		80.2	%REC	1	06/09/2011 19:51	68793
Surr: 2-Fluorophenol		30.5-99		67.8	%REC	1	06/09/2011 19:51	68793
Surr: Nitrobenzene-d5		34.1-101		74.6	%REC	1	06/09/2011 19:51	68793
Surr: Phenol-d5		34.9-110		67.6	%REC	1	06/09/2011 19:51	68793
Surr: p-Terphenyl-d14		41.7-124		85.7	%REC	1	06/09/2011 19:51	68793
<i>Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.</i>								
<i>4-Nitrophenol was outside upper QC limits in the LCS. Sample was ND.</i>								
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,1,1-Trichloroethane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,1,2,2-Tetrachloroethane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,1,2-Trichloro-1,2,2-trifluoroethane		4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,1,2-Trichloroethane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,1-Dichloro-2-propanone		45.4		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,1-Dichloroethane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,1-Dichloroethene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,1-Dichloropropene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,2,3-Trichlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,2,3-Trichloropropane	NELAP	9.1		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,2,3-Trimethylbenzene		4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,2,4-Trichlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,2,4-Trimethylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,2-Dibromo-3-chloropropane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,2-Dibromoethane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,2-Dichlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,2-Dichloroethane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,2-Dichloropropane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,3,5-Trimethylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,3-Dichlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,3-Dichloropropane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1,4-Dichlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
1-Chlorobutane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
2,2-Dichloropropane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
2-Butanone	NELAP	45.4		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
2-Chlorotoluene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
2-Hexanone	NELAP	45.4		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
2-Nitropropane	NELAP	45.4		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
4-Chlorotoluene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
4-Methyl-2-pentanone	NELAP	45.4		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Acetone	NELAP	45.4	J	27	µg/Kg-dry	1	06/07/2011 18:48	68779
Acrolein	NELAP	90.8		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Acrylonitrile	NELAP	9.1		ND	µg/Kg-dry	1	06/07/2011 18:48	68779

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-001

Client Sample ID: P9-E1-W (3)

Matrix: SOLID

Collection Date: 06/07/2011 9:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Allyl chloride	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Benzene	NELAP	0.9		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Bromobenzene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Bromochloromethane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Bromodichloromethane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Bromoform	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Bromomethane	NELAP	9.1		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Carbon disulfide	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Carbon tetrachloride	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Chlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Chloroethane	NELAP	9.1		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Chloroform	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Chloromethane	NELAP	9.1		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
cis-1,2-Dichloroethene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
cis-1,3-Dichloropropene	NELAP	3.6		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Cyclohexanone		90.8		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Dibromochloromethane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Dibromomethane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Dichlorodifluoromethane	NELAP	9.1		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Ethyl acetate	NELAP	45.4		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Ethyl ether	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Ethyl methacrylate	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Ethylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Heptane		18.2		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Hexachlorobutadiene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Hexachloroethane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Iodomethane	NELAP	9.1		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Isopropylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
m,p-Xylenes	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Methacrylonitrile	NELAP	45.4		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Methyl Methacrylate	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Methyl tert-butyl ether	NELAP	1.8		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Methylacrylate		9.1		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Methylene chloride	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Naphthalene	NELAP	9.1	J	2.1	µg/Kg-dry	1	06/07/2011 18:48	68779
n-Butylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
n-Hexane		18.2		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Nitrobenzene	NELAP	90.8		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
n-Propylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
o-Xylene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Pentachloroethane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
p-Isopropyltoluene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Propionitrile	NELAP	45.4		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
sec-Butylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Styrene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
tert-Butylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Tetrachloroethene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

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

**Report Date:** 16-Jun-11

**Lab ID:** 11060325-001

**Client Sample ID:** P9-E1-W (3)

**Matrix:** SOLID

**Collection Date:** 06/07/2011 9:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Tetrahydrofuran	NELAP	45.4		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Toluene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
trans-1,2-Dichloroethene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
trans-1,3-Dichloropropene	NELAP	3.6		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Trichloroethene	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Trichlorofluoromethane	NELAP	4.5		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Vinyl acetate	NELAP	45.4		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Vinyl chloride	NELAP	1.8		ND	µg/Kg-dry	1	06/07/2011 18:48	68779
Surr: 1,2-Dichloroethane-d4		72.2-131		126.4	%REC	1	06/07/2011 18:48	68779
Surr: 4-Bromofluorobenzene		82.1-116		108.6	%REC	1	06/07/2011 18:48	68779
Surr: Dibromofluoromethane		77.7-120		112.5	%REC	1	06/07/2011 18:48	68779
Surr: Toluene-d8		86-116		94.7	%REC	1	06/07/2011 18:48	68779

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-002

Client Sample ID: P9-E1-W (8)

Matrix: SOLID

Collection Date: 06/07/2011 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		19.3	%	1	06/08/2011 14:15	R150528
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		80.7	%	1	06/08/2011 14:15	R150497
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.620		1.05	mg/Kg-dry	1	06/09/2011 10:42	R150557
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.62		2.16	mg/Kg-dry	1	06/09/2011 10:42	R150557
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		8.06	mg/Kg-dry	1	06/13/2011 14:07	68842
Barium	NELAP	0.50		89.1	mg/Kg-dry	1	06/13/2011 14:07	68842
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	06/13/2011 14:07	68842
Chromium	NELAP	1.00		34.3	mg/Kg-dry	1	06/13/2011 14:07	68842
Lead	NELAP	4.00		16.1	mg/Kg-dry	1	06/13/2011 14:07	68842
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	06/13/2011 14:07	68842
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.545		< 0.545	mg/Kg-dry	1	06/10/2011 12:04	68828
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012		0.012	mg/Kg-dry	1	06/08/2011 10:00	68792
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.105	S	ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Acenaphthylene	NELAP	0.105		ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Anthracene	NELAP	0.105	S	ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Benzo(a)anthracene	NELAP	0.105		ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Benzo(a)pyrene	NELAP	0.105		ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Benzo(b)fluoranthene	NELAP	0.105		ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Benzo(g,h,i)perylene	NELAP	0.105		ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Benzo(k)fluoranthene	NELAP	0.105		ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Bis(2-ethylhexyl)phthalate	NELAP	0.083		ND	mg/Kg-dry	1	06/14/2011 2:03	68781
Chrysene	NELAP	0.105		ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Dibenzo(a,h)anthracene	NELAP	0.105		ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Fluoranthene	NELAP	0.105		ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Fluorene	NELAP	0.105	S	ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Indeno(1,2,3-cd)pyrene	NELAP	0.105		ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Naphthalene	NELAP	0.105		ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Phenanthrene	NELAP	0.105	S	ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Pyrene	NELAP	0.105	S	ND	mg/Kg-dry	25	06/14/2011 19:25	68781
Surr: 2-Fluorobiphenyl		10-131		62.0	%REC	25	06/14/2011 19:25	68781
Surr: Nitrobenzene-d5		10-132		69.0	%REC	25	06/14/2011 19:25	68781
Surr: p-Terphenyl-d14		80.2-138	S	61.0	%REC	25	06/14/2011 19:25	68781
<i>Surrogate recovery was outside QC limits due to matrix interference.</i>								
<i>Matrix spike did not recover within QC limits due to matrix interference.</i>								
<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	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
1,2-Dichlorobenzene	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
1,3-Dichlorobenzene	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
1,4-Dichlorobenzene	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-002

Client Sample ID: P9-E1-W (8)

Matrix: SOLID

Collection Date: 06/07/2011 9:20

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	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
2,4,6-Trichlorophenol	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
2,4-Dichlorophenol	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
2,4-Dimethylphenol	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
2,4-Dinitrophenol	NELAP	12.4		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
2,4-Dinitrotoluene	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
2,6-Dinitrotoluene	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
2-Chloronaphthalene	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
2-Chlorophenol	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
2-Methoxy-4-methylphenol		8.05		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
2-Methylnaphthalene	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
2-Nitroaniline	NELAP	12.4		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
2-Nitrophenol	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
3,3'-Dichlorobenzidine	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
3-Nitroaniline	NELAP	12.4		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
4,6-Dinitro-2-methylphenol	NELAP	12.4		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
4-Bromophenyl phenyl ether	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
4-Chloro-3-methylphenol	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
4-Chloroaniline	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
4-Chlorophenyl phenyl ether	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
4-Nitroaniline	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
4-Nitrophenol	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Aniline	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Azobenzene		4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Benzidine	NELAP	13.1		see note	mg/Kg-dry	10	06/09/2011 20:23	68793
Benzoic acid	NELAP	18.6		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Benzyl alcohol	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Bis(2-chloroethoxy)methane	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Bis(2-chloroethyl)ether	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Bis(2-chloroisopropyl)ether	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Butyl benzyl phthalate	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Carbazole		6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Dibenzofuran	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Diethyl phthalate	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Dimethyl phthalate	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Di-n-butyl phthalate	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Di-n-octyl phthalate	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Hexachlorobenzene	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Hexachlorobutadiene	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Hexachlorocyclopentadiene	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Hexachloroethane	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Isophorone	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
m,p-Cresol	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Nitrobenzene	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
N-Nitrosodimethylamine	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
N-Nitroso-di-n-propylamine	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
N-Nitrosodiphenylamine	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-002

Client Sample ID: P9-E1-W (8)

Matrix: SOLID

Collection Date: 06/07/2011 9:20

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	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Pentachlorophenol	NELAP	24.8		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Phenol	NELAP	4.34		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Pyridine	NELAP	6.19		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
1,2-Diphenylhydrazine		10.4		ND	mg/Kg-dry	10	06/09/2011 20:23	68793
Surr: 2,4,6-Tribromophenol		32.7-130		99.2	%REC	10	06/09/2011 20:23	68793
Surr: 2-Fluorobiphenyl		34.1-116		75.8	%REC	10	06/09/2011 20:23	68793
Surr: 2-Fluorophenol		30.5-99		70.1	%REC	10	06/09/2011 20:23	68793
Surr: Nitrobenzene-d5		34.1-101		78.6	%REC	10	06/09/2011 20:23	68793
Surr: Phenol-d5		34.9-110		72.9	%REC	10	06/09/2011 20:23	68793
Surr: p-Terphenyl-d14		41.7-124		87.5	%REC	10	06/09/2011 20:23	68793

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

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

4-Nitrophenol was outside upper QC limits in the LCS. Sample was ND.

<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	06/07/2011 21:13	68779
1,1,1-Trichloroethane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,1,2,2-Tetrachloroethane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,1,2-Trichloro-1,2,2-trifluoroethane		108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,1,2-Trichloroethane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,1-Dichloro-2-propanone		1080		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,1-Dichloroethane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,1-Dichloroethene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,1-Dichloropropene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,2,3-Trichlorobenzene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,2,3-Trichloropropane	NELAP	215		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,2,3-Trimethylbenzene		108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,2,4-Trichlorobenzene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,2,4-Trimethylbenzene	NELAP	108	J	23	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,2-Dibromo-3-chloropropane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,2-Dibromoethane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,2-Dichlorobenzene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,2-Dichloroethane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,2-Dichloropropane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,3,5-Trimethylbenzene	NELAP	108		137	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,3-Dichlorobenzene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,3-Dichloropropane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1,4-Dichlorobenzene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
1-Chlorobutane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
2,2-Dichloropropane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
2-Butanone	NELAP	1080		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
2-Chlorotoluene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
2-Hexanone	NELAP	1080		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
2-Nitropropane	NELAP	1080		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
4-Chlorotoluene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
4-Methyl-2-pentanone	NELAP	1080		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Acetone	NELAP	1080		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-002

Client Sample ID: P9-E1-W (8)

Matrix: SOLID

Collection Date: 06/07/2011 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acrolein	NELAP	2150		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Acrylonitrile	NELAP	215		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Allyl chloride	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Benzene	NELAP	21.5		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Bromobenzene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Bromochloromethane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Bromodichloromethane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Bromoform	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Bromomethane	NELAP	215		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Carbon disulfide	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Carbon tetrachloride	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Chlorobenzene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Chloroethane	NELAP	215		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Chloroform	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Chloromethane	NELAP	215		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
cis-1,2-Dichloroethene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
cis-1,3-Dichloropropene	NELAP	86.2		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Cyclohexanone		2150		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Dibromochloromethane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Dibromomethane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Dichlorodifluoromethane	NELAP	215		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Ethyl acetate	NELAP	1080		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Ethyl ether	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Ethyl methacrylate	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Ethylbenzene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Heptane		431		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Hexachlorobutadiene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Hexachloroethane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Iodomethane	NELAP	215		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Isopropylbenzene	NELAP	108		155	µg/Kg-dry	12.5	06/07/2011 21:13	68779
m,p-Xylenes	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Methacrylonitrile	NELAP	1080		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Methyl Methacrylate	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Methyl tert-butyl ether	NELAP	43.1		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Methylacrylate		215		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Methylene chloride	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Naphthalene	NELAP	215	J	91	µg/Kg-dry	12.5	06/07/2011 21:13	68779
n-Butylbenzene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
n-Hexane		431		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Nitrobenzene	NELAP	2150		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
n-Propylbenzene	NELAP	108	J	31	µg/Kg-dry	12.5	06/07/2011 21:13	68779
o-Xylene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Pentachloroethane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
p-Isopropyltoluene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Propionitrile	NELAP	1080		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
sec-Butylbenzene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Styrene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779



Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-002

Client Sample ID: P9-E1-W (8)

Matrix: SOLID

Collection Date: 06/07/2011 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
tert-Butylbenzene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Tetrachloroethene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Tetrahydrofuran	NELAP	1080		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Toluene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
trans-1,2-Dichloroethene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
trans-1,3-Dichloropropene	NELAP	86.2		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Trichloroethene	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Trichlorofluoromethane	NELAP	108		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Vinyl acetate	NELAP	1080		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Vinyl chloride	NELAP	43.1		ND	µg/Kg-dry	12.5	06/07/2011 21:13	68779
Surr: 1,2-Dichloroethane-d4		72.2-131		129.6	%REC	12.5	06/07/2011 21:13	68779
Surr: 4-Bromofluorobenzene		82.1-116		111.1	%REC	12.5	06/07/2011 21:13	68779
Surr: Dibromofluoromethane		77.7-120	S	121.1	%REC	12.5	06/07/2011 21:13	68779
Surr: Toluene-d8		86-116		92.1	%REC	12.5	06/07/2011 21:13	68779

Surrogate recovery was outside QC limits due to matrix interference.

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-003

Client Sample ID: P9-D1-W (3)

Matrix: SOLID

Collection Date: 06/07/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		23.4	%	1	06/08/2011 14:15	R150528
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		76.6	%	1	06/08/2011 14:15	R150497
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.731		< 0.731	mg/Kg-dry	1	06/09/2011 10:42	R150557
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.73		2.41	mg/Kg-dry	1	06/09/2011 10:42	R150557
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		14.0	mg/Kg-dry	1	06/13/2011 14:12	68842
Barium	NELAP	0.50		208	mg/Kg-dry	1	06/13/2011 14:12	68842
Cadmium	NELAP	0.20		0.33	mg/Kg-dry	1	06/13/2011 14:12	68842
Chromium	NELAP	1.00		25.5	mg/Kg-dry	1	06/13/2011 14:12	68842
Lead	NELAP	4.00		15.4	mg/Kg-dry	1	06/13/2011 14:12	68842
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	06/13/2011 14:12	68842
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	06/10/2011 12:07	68828
<b>SW-846 7471A</b>								
Mercury	NELAP	0.013		0.045	mg/Kg-dry	1	06/08/2011 10:00	68792
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Bis(2-ethylhexyl)phthalate	NELAP	0.087		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Naphthalene	NELAP	0.004		0.009	mg/Kg-dry	1	06/14/2011 3:54	68781
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/14/2011 3:54	68781
Surr: 2-Fluorobiphenyl		10-131		73.9	%REC	1	06/14/2011 3:54	68781
Surr: Nitrobenzene-d5		10-132		69.5	%REC	1	06/14/2011 3:54	68781
Surr: p-Terphenyl-d14		80.2-138		90.0	%REC	1	06/14/2011 3:54	68781
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
1,2-Dichlorobenzene	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
1,3-Dichlorobenzene	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
1,4-Dichlorobenzene	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
2,4,5-Trichlorophenol	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
2,4,6-Trichlorophenol	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-003

Client Sample ID: P9-D1-W (3)

Matrix: SOLID

Collection Date: 06/07/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4-Dichlorophenol	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
2,4-Dimethylphenol	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
2,4-Dinitrophenol	NELAP	1.30		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
2,4-Dinitrotoluene	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
2,6-Dinitrotoluene	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
2-Chloronaphthalene	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
2-Chlorophenol	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
2-Methoxy-4-methylphenol		0.847		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
2-Methylnaphthalene	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
2-Nitroaniline	NELAP	1.30		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
2-Nitrophenol	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
3,3'-Dichlorobenzidine	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
3-Nitroaniline	NELAP	1.30		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
4,6-Dinitro-2-methylphenol	NELAP	1.30		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
4-Bromophenyl phenyl ether	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
4-Chloro-3-methylphenol	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
4-Chloroaniline	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
4-Chlorophenyl phenyl ether	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
4-Nitroaniline	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
4-Nitrophenol	NELAP	0.456	S	ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Aniline	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Azobenzene		0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Benzidine	NELAP	1.38		see note	mg/Kg-dry	1	06/09/2011 20:55	68793
Benzoic acid	NELAP	1.95		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Benzyl alcohol	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Bis(2-chloroethoxy)methane	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Bis(2-chloroethyl)ether	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Bis(2-chloroisopropyl)ether	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Butyl benzyl phthalate	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Carbazole		0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Dibenzofuran	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Diethyl phthalate	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Dimethyl phthalate	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Di-n-butyl phthalate	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Di-n-octyl phthalate	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Hexachlorobenzene	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Hexachlorobutadiene	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Hexachlorocyclopentadiene	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Hexachloroethane	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Isophorone	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
m,p-Cresol	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Nitrobenzene	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
N-Nitrosodimethylamine	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
N-Nitroso-di-n-propylamine	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
N-Nitrosodiphenylamine	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
o-Cresol	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Pentachlorophenol	NELAP	2.61		ND	mg/Kg-dry	1	06/09/2011 20:55	68793

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-003

Client Sample ID: P9-D1-W (3)

Matrix: SOLID

Collection Date: 06/07/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Phenol	NELAP	0.456		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Pyridine	NELAP	0.651		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
1,2-Diphenylhydrazine		1.09		ND	mg/Kg-dry	1	06/09/2011 20:55	68793
Surr: 2,4,6-Tribromophenol		32.7-130		80.4	%REC	1	06/09/2011 20:55	68793
Surr: 2-Fluorobiphenyl		34.1-116		71.9	%REC	1	06/09/2011 20:55	68793
Surr: 2-Fluorophenol		30.5-99		64.6	%REC	1	06/09/2011 20:55	68793
Surr: Nitrobenzene-d5		34.1-101		74.3	%REC	1	06/09/2011 20:55	68793
Surr: Phenol-d5		34.9-110		65.2	%REC	1	06/09/2011 20:55	68793
Surr: p-Terphenyl-d14		41.7-124		89.8	%REC	1	06/09/2011 20:55	68793
<i>Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.</i>								
<i>4-Nitrophenol was outside upper QC limits in the LCS, MS and MSD. Sample was ND.</i>								
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,1,1-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,1,2,2-Tetrachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,1,2-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,1-Dichloro-2-propanone		49.5		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,1-Dichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,1-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,1-Dichloropropene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,2,3-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,2,3-Trichloropropane	NELAP	9.9		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,2,3-Trimethylbenzene		5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,2,4-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,2,4-Trimethylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,2-Dibromo-3-chloropropane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,2-Dibromoethane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,2-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,2-Dichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,2-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,3,5-Trimethylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,3-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,3-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1,4-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
1-Chlorobutane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
2,2-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
2-Butanone	NELAP	49.5		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
2-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
2-Hexanone	NELAP	49.5		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
2-Nitropropane	NELAP	49.5		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
4-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
4-Methyl-2-pentanone	NELAP	49.5		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Acetone	NELAP	49.5	J	21	µg/Kg-dry	1	06/07/2011 19:18	68779
Acrolein	NELAP	99.1		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Acrylonitrile	NELAP	9.9		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Allyl chloride	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-003

Client Sample ID: P9-D1-W (3)

Matrix: SOLID

Collection Date: 06/07/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	1.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Bromobenzene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Bromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Bromodichloromethane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Bromoform	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Bromomethane	NELAP	9.9		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Carbon disulfide	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Carbon tetrachloride	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Chlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Chloroethane	NELAP	9.9		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Chloroform	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Chloromethane	NELAP	9.9		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
cis-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
cis-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Cyclohexanone		99.1		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Dibromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Dibromomethane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Dichlorodifluoromethane	NELAP	9.9		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Ethyl acetate	NELAP	49.5		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Ethyl ether	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Ethyl methacrylate	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Ethylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Heptane		19.8		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Hexachlorobutadiene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Hexachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Iodomethane	NELAP	9.9		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Isopropylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
m,p-Xylenes	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Methacrylonitrile	NELAP	49.5		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Methyl Methacrylate	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Methyl tert-butyl ether	NELAP	2.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Methylacrylate		9.9		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Methylene chloride	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Naphthalene	NELAP	9.9		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
n-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
n-Hexane		19.8		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Nitrobenzene	NELAP	99.1		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
n-Propylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
o-Xylene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Pentachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
p-Isopropyltoluene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Propionitrile	NELAP	49.5		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
sec-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Styrene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
tert-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Tetrachloroethene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Tetrahydrofuran	NELAP	49.5		ND	µg/Kg-dry	1	06/07/2011 19:18	68779



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

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

**Report Date:** 16-Jun-11

**Lab ID:** 11060325-003

**Client Sample ID:** P9-D1-W (3)

**Matrix:** SOLID

**Collection Date:** 06/07/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Toluene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
trans-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
trans-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Trichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Trichlorofluoromethane	NELAP	5.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Vinyl acetate	NELAP	49.5		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Vinyl chloride	NELAP	2.0		ND	µg/Kg-dry	1	06/07/2011 19:18	68779
Surr: 1,2-Dichloroethane-d4		72.2-131		125.6	%REC	1	06/07/2011 19:18	68779
Surr: 4-Bromofluorobenzene		82.1-116		108.4	%REC	1	06/07/2011 19:18	68779
Surr: Dibromofluoromethane		77.7-120		112.4	%REC	1	06/07/2011 19:18	68779
Surr: Toluene-d8		86-116		95.8	%REC	1	06/07/2011 19:18	68779

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-004

Client Sample ID: P9-D1-W (8)

Matrix: SOLID

Collection Date: 06/07/2011 9:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		18.4	%	1	06/08/2011 14:15	R150528
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		81.6	%	1	06/08/2011 14:15	R150497
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.613		< 0.613	mg/Kg-dry	1	06/09/2011 10:42	R150557
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.61		0.76	mg/Kg-dry	1	06/09/2011 10:42	R150557
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		7.11	mg/Kg-dry	1	06/13/2011 14:29	68842
Barium	NELAP	0.49		20.1	mg/Kg-dry	1	06/13/2011 14:29	68842
Cadmium	NELAP	0.20	J	0.10	mg/Kg-dry	1	06/13/2011 14:29	68842
Chromium	NELAP	0.98		9.42	mg/Kg-dry	1	06/13/2011 14:29	68842
Lead	NELAP	3.92		15.1	mg/Kg-dry	1	06/13/2011 14:29	68842
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	06/13/2011 14:29	68842
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	06/10/2011 12:11	68828
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012	J	0.008	mg/Kg-dry	1	06/08/2011 10:00	68792
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.021		0.827	mg/Kg-dry	5	06/14/2011 4:32	68781
Acenaphthylene	NELAP	0.021		1.05	mg/Kg-dry	5	06/14/2011 4:32	68781
Anthracene	NELAP	0.021		2.09	mg/Kg-dry	5	06/14/2011 4:32	68781
Benzo(a)anthracene	NELAP	0.021		0.993	mg/Kg-dry	5	06/14/2011 4:32	68781
Benzo(a)pyrene	NELAP	0.021		0.962	mg/Kg-dry	5	06/14/2011 4:32	68781
Benzo(b)fluoranthene	NELAP	0.021		0.862	mg/Kg-dry	5	06/14/2011 4:32	68781
Benzo(g,h,i)perylene	NELAP	0.021		0.282	mg/Kg-dry	5	06/14/2011 4:32	68781
Benzo(k)fluoranthene	NELAP	0.021		0.290	mg/Kg-dry	5	06/14/2011 4:32	68781
Bis(2-ethylhexyl)phthalate	NELAP	0.411		ND	mg/Kg-dry	5	06/14/2011 4:32	68781
Chrysene	NELAP	0.021		0.937	mg/Kg-dry	5	06/14/2011 4:32	68781
Dibenzo(a,h)anthracene	NELAP	0.021		0.078	mg/Kg-dry	5	06/14/2011 4:32	68781
Fluoranthene	NELAP	0.021		2.15	mg/Kg-dry	5	06/14/2011 4:32	68781
Fluorene	NELAP	0.021		1.93	mg/Kg-dry	5	06/14/2011 4:32	68781
Indeno(1,2,3-cd)pyrene	NELAP	0.021		0.233	mg/Kg-dry	5	06/14/2011 4:32	68781
Naphthalene	NELAP	0.417		45.3	mg/Kg-dry	100	06/14/2011 21:15	68781
Phenanthrene	NELAP	0.417		5.64	mg/Kg-dry	100	06/14/2011 21:15	68781
Pyrene	NELAP	0.021		3.22	mg/Kg-dry	5	06/14/2011 4:32	68781
Surr: 2-Fluorobiphenyl		10-131		65.2	%REC	5	06/14/2011 4:32	68781
Surr: Nitrobenzene-d5		10-132		58.8	%REC	5	06/14/2011 4:32	68781
Surr: p-Terphenyl-d14		80.2-138	S	72.6	%REC	5	06/14/2011 4:32	68781
<i>Surrogate recovery was outside QC limits due to matrix interference.</i>								
<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	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
1,2-Dichlorobenzene	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
1,3-Dichlorobenzene	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
1,4-Dichlorobenzene	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-004

Client Sample ID: P9-D1-W (8)

Matrix: SOLID

Collection Date: 06/07/2011 9:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
2,4,6-Trichlorophenol	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
2,4-Dichlorophenol	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
2,4-Dimethylphenol	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
2,4-Dinitrophenol	NELAP	30.6		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
2,4-Dinitrotoluene	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
2,6-Dinitrotoluene	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
2-Chloronaphthalene	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
2-Chlorophenol	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
2-Methoxy-4-methylphenol		19.9		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
2-Methylnaphthalene	NELAP	10.7	J	8.9	mg/Kg-dry	25	06/09/2011 22:31	68793
2-Nitroaniline	NELAP	30.6		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
2-Nitrophenol	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
3,3'-Dichlorobenzidine	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
3-Nitroaniline	NELAP	30.6		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
4,6-Dinitro-2-methylphenol	NELAP	30.6		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
4-Bromophenyl phenyl ether	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
4-Chloro-3-methylphenol	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
4-Chloroaniline	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
4-Chlorophenyl phenyl ether	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
4-Nitroaniline	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
4-Nitrophenol	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Aniline	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Azobenzene		10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Benzidine	NELAP	32.4		see note	mg/Kg-dry	25	06/09/2011 22:31	68793
Benzoic acid	NELAP	46.0		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Benzyl alcohol	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Bis(2-chloroethoxy)methane	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Bis(2-chloroethyl)ether	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Bis(2-chloroisopropyl)ether	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Butyl benzyl phthalate	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Carbazole		15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Dibenzofuran	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Diethyl phthalate	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Dimethyl phthalate	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Di-n-butyl phthalate	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Di-n-octyl phthalate	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Hexachlorobenzene	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Hexachlorobutadiene	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Hexachlorocyclopentadiene	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Hexachloroethane	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Isophorone	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
m,p-Cresol	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Nitrobenzene	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
N-Nitrosodimethylamine	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
N-Nitroso-di-n-propylamine	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
N-Nitrosodiphenylamine	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793



Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-004

Client Sample ID: P9-D1-W (8)

Matrix: SOLID

Collection Date: 06/07/2011 9:50

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	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Pentachlorophenol	NELAP	61.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Phenol	NELAP	10.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Pyridine	NELAP	15.3		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
1,2-Diphenylhydrazine		25.7		ND	mg/Kg-dry	25	06/09/2011 22:31	68793
Surr: 2,4,6-Tribromophenol		32.7-130		81.1	%REC	25	06/09/2011 22:31	68793
Surr: 2-Fluorobiphenyl		34.1-116		73.6	%REC	25	06/09/2011 22:31	68793
Surr: 2-Fluorophenol		30.5-99		69.8	%REC	25	06/09/2011 22:31	68793
Surr: Nitrobenzene-d5		34.1-101		68.5	%REC	25	06/09/2011 22:31	68793
Surr: Phenol-d5		34.9-110		62.9	%REC	25	06/09/2011 22:31	68793
Surr: p-Terphenyl-d14		41.7-124		85.0	%REC	25	06/09/2011 22:31	68793
<i>Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.</i>								
<i>Elevated reporting limit(s) due to sample extract composition.</i>								
<i>4-Nitrophenol was outside upper QC limits in the LCS. Sample was ND.</i>								
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,1,1-Trichloroethane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,1,2,2-Tetrachloroethane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,1,2-Trichloro-1,2,2-trifluoroethane		8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,1,2-Trichloroethane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,1-Dichloro-2-propanone		87100		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,1-Dichloroethane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,1-Dichloroethene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,1-Dichloropropene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,2,3-Trichlorobenzene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,2,3-Trichloropropane	NELAP	17400		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,2,3-Trimethylbenzene		8710		38100	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,2,4-Trichlorobenzene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,2,4-Trimethylbenzene	NELAP	8710		28000	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,2-Dibromo-3-chloropropane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,2-Dibromoethane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,2-Dichlorobenzene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,2-Dichloroethane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,2-Dichloropropane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,3,5-Trimethylbenzene	NELAP	8710		15300	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,3-Dichlorobenzene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,3-Dichloropropane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1,4-Dichlorobenzene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
1-Chlorobutane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
2,2-Dichloropropane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
2-Butanone	NELAP	87100		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
2-Chlorotoluene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
2-Hexanone	NELAP	87100		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
2-Nitropropane	NELAP	87100		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
4-Chlorotoluene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
4-Methyl-2-pentanone	NELAP	87100		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Acetone	NELAP	87100		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-004

Client Sample ID: P9-D1-W (8)

Matrix: SOLID

Collection Date: 06/07/2011 9:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acrolein	NELAP	174000		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Acrylonitrile	NELAP	17400		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Allyl chloride	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Benzene	NELAP	1740		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Bromobenzene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Bromochloromethane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Bromodichloromethane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Bromoform	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Bromomethane	NELAP	17400		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Carbon disulfide	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Carbon tetrachloride	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Chlorobenzene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Chloroethane	NELAP	17400		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Chloroform	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Chloromethane	NELAP	17400		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
cis-1,2-Dichloroethene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
cis-1,3-Dichloropropene	NELAP	6960		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Cyclohexanone		174000		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Dibromochloromethane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Dibromomethane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Dichlorodifluoromethane	NELAP	17400		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Ethyl acetate	NELAP	87100		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Ethyl ether	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Ethyl methacrylate	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Ethylbenzene	NELAP	8710		130000	µg/Kg-dry	1000	06/07/2011 20:15	68779
Heptane		34800		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Hexachlorobutadiene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Hexachloroethane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Iodomethane	NELAP	17400		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Isopropylbenzene	NELAP	8710		15900	µg/Kg-dry	1000	06/07/2011 20:15	68779
m,p-Xylenes	NELAP	8710		141000	µg/Kg-dry	1000	06/07/2011 20:15	68779
Methacrylonitrile	NELAP	87100		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Methyl Methacrylate	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Methyl tert-butyl ether	NELAP	3480		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Methylacrylate		17400		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Methylene chloride	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Naphthalene	NELAP	43500		668000	µg/Kg-dry	2500	06/07/2011 21:43	68779
n-Butylbenzene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
n-Hexane		34800		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Nitrobenzene	NELAP	174000		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
n-Propylbenzene	NELAP	8710		12600	µg/Kg-dry	1000	06/07/2011 20:15	68779
o-Xylene	NELAP	8710		88200	µg/Kg-dry	1000	06/07/2011 20:15	68779
Pentachloroethane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
p-Isopropyltoluene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Propionitrile	NELAP	87100		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
sec-Butylbenzene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Styrene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

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

**Report Date:** 16-Jun-11

**Lab ID:** 11060325-004

**Client Sample ID:** P9-D1-W (8)

**Matrix:** SOLID

**Collection Date:** 06/07/2011 9:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
tert-Butylbenzene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Tetrachloroethene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Tetrahydrofuran	NELAP	87100		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Toluene	NELAP	8710	J	3400	µg/Kg-dry	1000	06/07/2011 20:15	68779
trans-1,2-Dichloroethene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
trans-1,3-Dichloropropene	NELAP	6960		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Trichloroethene	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Trichlorofluoromethane	NELAP	8710		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Vinyl acetate	NELAP	87100		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Vinyl chloride	NELAP	3480		ND	µg/Kg-dry	1000	06/07/2011 20:15	68779
Surr: 1,2-Dichloroethane-d4		72.2-131		125.3	%REC	1000	06/07/2011 20:15	68779
Surr: 4-Bromofluorobenzene		82.1-116		106.2	%REC	1000	06/07/2011 20:15	68779
Surr: Dibromofluoromethane		77.7-120		113.4	%REC	1000	06/07/2011 20:15	68779
Surr: Toluene-d8		86-116		95.9	%REC	1000	06/07/2011 20:15	68779

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

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

Report Date: 16-Jun-11

Lab ID: 11060325-005

Client Sample ID: 6773T060711

Matrix: AQUEOUS

Collection Date: 06/07/2011 10:45

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>8.67</b>		1	06/08/2011 18:35	R150511	
<b>STANDARD METHODS 18TH ED. 2540 D</b>									
Total Suspended Solids	NELAP	6		<b>11</b>	mg/L	1	06/08/2011 11:15	R150478	
<b>STANDARD METHODS 18TH ED. 5210 B</b>									
Biochemical Oxygen Demand	NELAP	5		<b>29</b>	mg/L	1	06/08/2011 12:40	68807	
<b>SW-846 9012A</b>									
Cyanide, Amenable to Chlorination		0.035		<b>0.037</b>	mg/L	5	06/09/2011 10:42	R150557	
<b>SW-846 9012A (TOTAL)</b>									
Cyanide	NELAP	0.035	S	<b>0.223</b>	mg/L	5	06/09/2011 10:42	R150557	
<i>Sample concentration was greater than 5 times the spike concentration.</i>									
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0250		<b>&lt; 0.0250</b>	mg/L	1	06/09/2011 20:34	68783	
Barium	NELAP	0.0050	B	<b>0.361</b>	mg/L	1	06/09/2011 20:34	68783	
Cadmium	NELAP	0.0020		<b>&lt; 0.0020</b>	mg/L	1	06/09/2011 20:34	68783	
Chromium	NELAP	0.0100		<b>&lt; 0.0100</b>	mg/L	1	06/09/2011 20:34	68783	
Selenium	NELAP	0.0500		<b>&lt; 0.0500</b>	mg/L	1	06/09/2011 20:34	68783	
Silver	NELAP	0.0100		<b>&lt; 0.0100</b>	mg/L	1	06/09/2011 20:34	68783	
<i>Ba - Sample result was more than 10 times the blank contamination. Data is reportable.</i>									
<b>SW-846 3020A, METALS BY GFAA (TOTAL)</b>									
Lead	7421	NELAP	0.0020	J	<b>0.0006</b>	mg/L	1	06/09/2011 16:08	68799
<b>SW-846 7470A (TOTAL)</b>									
Mercury		NELAP	0.00020		<b>&lt; 0.00020</b>	mg/L	1	06/09/2011 0:00	68794
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
Acenaphthene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Acenaphthylene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Anthracene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Benzo(a)anthracene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Benzo(a)pyrene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Benzo(b)fluoranthene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Benzo(g,h,i)perylene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Benzo(k)fluoranthene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Chrysene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Dibenzo(a,h)anthracene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Fluoranthene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Fluorene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Naphthalene	NELAP	0.00010		<b>0.00032</b>	mg/L	1	06/14/2011 5:09	68757	
Phenanthrene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Pyrene	NELAP	0.00010		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Total PNAs except Naphthalene		0.00013		<b>ND</b>	mg/L	1	06/14/2011 5:09	68757	
Surr: 2-Fluorobiphenyl		34.3-105		<b>64.2</b>	%REC	1	06/14/2011 5:09	68757	
Surr: 2-Fluorophenol		19.9-55.7		<b>34.3</b>	%REC	1	06/14/2011 5:09	68757	
Surr: Nitrobenzene-d5		36.4-127		<b>65.2</b>	%REC	1	06/14/2011 5:09	68757	
Surr: Phenol-d5		8.95-38.5		<b>21.6</b>	%REC	1	06/14/2011 5:09	68757	
Surr: p-Terphenyl-d14		6.05-133		<b>66.2</b>	%REC	1	06/14/2011 5:09	68757	

*Acenaphthene LCS was outside upper QC limits. Sample results are below reporting limit - data is reportable.*



# Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

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

**Report Date:** 16-Jun-11

**Lab ID:** 11060325-005

**Client Sample ID:** 6773T060711

**Matrix:** AQUEOUS

**Collection Date:** 06/07/2011 10:45

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		ND	µg/L	1	06/07/2011 19:40	68805
Ethylbenzene	NELAP	5.0		ND	µg/L	1	06/07/2011 19:40	68805
Toluene	NELAP	5.0		ND	µg/L	1	06/07/2011 19:40	68805
Xylenes, Total	NELAP	5.0		ND	µg/L	1	06/07/2011 19:40	68805
Surr: 1,2-Dichloroethane-d4		74.7-129		100.7	%REC	1	06/07/2011 19:40	68805
Surr: 4-Bromofluorobenzene		86-119		99.9	%REC	1	06/07/2011 19:40	68805
Surr: Dibromofluoromethane		81.7-123		101.5	%REC	1	06/07/2011 19:40	68805
Surr: Toluene-d8		84.3-114		100.5	%REC	1	06/07/2011 19:40	68805



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

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

**Report Date:** 16-Jun-11

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11060325-001	P9-E1-W (3)	Solid	5	06/07/2011 9:10
11060325-002	P9-E1-W (8)	Solid	5	06/07/2011 9:20
11060325-003	P9-D1-W (3)	Solid	5	06/07/2011 9:40
11060325-004	P9-D1-W (8)	Solid	5	06/07/2011 9:50
11060325-005	6773T060711	Aqueous	5	06/07/2011 10:45



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

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

**Report Date:** 16-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11060325-001A	P9-E1-W (3)	06/07/2011 9:10	6/7/2011 3:00:00 PM	
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/08/2011 9:22	06/14/2011 1:26
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		06/08/2011 9:25	06/09/2011 19:51
11060325-001B	P9-E1-W (3)	06/07/2011 9:10	6/7/2011 3:00:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			06/08/2011 14:15
	Standard Methods 18th Ed. 2540 G			06/08/2011 14:15
	SW-846 3050B, 6010B, Metals by ICP		06/09/2011 14:23	06/13/2011 13:49
	SW-846 3050B, Metals by GFAA		06/09/2011 11:13	06/10/2011 11:44
	SW-846 7471A		06/08/2011 9:22	06/08/2011 10:00
	SW-846 9012A			06/09/2011 10:42
	SW-846 9012A (Total)			06/09/2011 10:42
11060325-001E	P9-E1-W (3)	06/07/2011 9:10	6/7/2011 3:00:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/07/2011 18:48
11060325-002A	P9-E1-W (8)	06/07/2011 9:20	6/7/2011 3:00:00 PM	
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/08/2011 9:22	06/14/2011 2:03
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/08/2011 9:22	06/14/2011 19:25
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		06/08/2011 9:25	06/09/2011 20:23
11060325-002B	P9-E1-W (8)	06/07/2011 9:20	6/7/2011 3:00:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			06/08/2011 14:15
	Standard Methods 18th Ed. 2540 G			06/08/2011 14:15
	SW-846 3050B, 6010B, Metals by ICP		06/09/2011 14:23	06/13/2011 14:07
	SW-846 3050B, Metals by GFAA		06/09/2011 11:13	06/10/2011 12:04
	SW-846 7471A		06/08/2011 9:22	06/08/2011 10:00
	SW-846 9012A			06/09/2011 10:42
	SW-846 9012A (Total)			06/09/2011 10:42
11060325-002E	P9-E1-W (8)	06/07/2011 9:20	6/7/2011 3:00:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/07/2011 21:13
11060325-003A	P9-D1-W (3)	06/07/2011 9:40	6/7/2011 3:00:00 PM	
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/08/2011 9:22	06/14/2011 3:54
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		06/08/2011 9:25	06/09/2011 20:55
11060325-003B	P9-D1-W (3)	06/07/2011 9:40	6/7/2011 3:00:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			06/08/2011 14:15
	Standard Methods 18th Ed. 2540 G			06/08/2011 14:15
	SW-846 3050B, 6010B, Metals by ICP		06/09/2011 14:23	06/13/2011 14:12
	SW-846 3050B, Metals by GFAA		06/09/2011 11:13	06/10/2011 12:07
	SW-846 7471A		06/08/2011 9:22	06/08/2011 10:00
	SW-846 9012A			06/09/2011 10:42



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

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

**Report Date:** 16-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
	SW-846 9012A (Total)			06/09/2011 10:42
11060325-003E	P9-D1-W (3)	06/07/2011 9:40	6/7/2011 3:00:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/07/2011 19:18
11060325-004A	P9-D1-W (8)	06/07/2011 9:50	6/7/2011 3:00:00 PM	
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/08/2011 9:22	06/14/2011 4:32
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/08/2011 9:22	06/14/2011 21:15
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		06/08/2011 9:25	06/09/2011 22:31
11060325-004B	P9-D1-W (8)	06/07/2011 9:50	6/7/2011 3:00:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			06/08/2011 14:15
	Standard Methods 18th Ed. 2540 G			06/08/2011 14:15
	SW-846 3050B, 6010B, Metals by ICP		06/09/2011 14:23	06/13/2011 14:29
	SW-846 3050B, Metals by GFAA		06/09/2011 11:13	06/10/2011 12:11
	SW-846 7471A		06/08/2011 9:22	06/08/2011 10:00
	SW-846 9012A			06/09/2011 10:42
	SW-846 9012A (Total)			06/09/2011 10:42
11060325-004E	P9-D1-W (8)	06/07/2011 9:50	6/7/2011 3:00:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/07/2011 20:15
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/07/2011 21:43
11060325-005A	6773T060711	06/07/2011 10:45	6/7/2011 3:00:00 PM	
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/08/2011 8:48	06/14/2011 5:09
11060325-005B	6773T060711	06/07/2011 10:45	6/7/2011 3:00:00 PM	
	Standard Method 18th Ed. 4500-H B, Laboratory Analyzed			06/08/2011 18:35
	Standard Methods 18th Ed. 2540 D			06/08/2011 11:15
	Standard Methods 18th Ed. 5210 B		06/08/2011 12:40	06/08/2011 12:40
11060325-005C	6773T060711	06/07/2011 10:45	6/7/2011 3:00:00 PM	
	SW-846 3005A, 6010B, Metals by ICP (Total)		06/07/2011 19:16	06/09/2011 20:34
	SW-846 3020A, Metals by GFAA (Total)		06/08/2011 12:43	06/09/2011 16:08
	SW-846 7470A (Total)		06/08/2011 10:05	06/09/2011 0:00
11060325-005D	6773T060711	06/07/2011 10:45	6/7/2011 3:00:00 PM	
	SW-846 9012A			06/09/2011 10:42
	SW-846 9012A (Total)			06/09/2011 10:42
11060325-005E	6773T060711	06/07/2011 10:45	6/7/2011 3:00:00 PM	
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS			06/07/2011 19:40





## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

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

**Report Date:** 16-Jun-11

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

Batch R150511		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	100.8	06/08/2011	

Batch R150511		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>8.67</b>				8.670	0.00	06/08/2011	

### STANDARD METHODS 18TH ED. 2540 D

Batch R150478		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>						06/08/2011	

Batch R150478		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>94</b>	100	0	94.0	85	115	06/08/2011	
Total Suspended Solids	6		<b>94</b>	100	0	94.0	85	115	06/08/2011	
Total Suspended Solids	6		<b>99</b>	100	0	99.0	85	115	06/08/2011	

Batch R150478		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>10</b>				11.00	9.52	06/08/2011	

### STANDARD METHODS 18TH ED. 2540 G

Batch R150497		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	99.0	90	110	06/08/2011	

Batch R150497		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	99.0	90	110	06/08/2011	

Batch R150497		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>80.2</b>				78.85	1.65	06/08/2011	

### STANDARD METHODS 18TH ED. 5210 B

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

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

**Report Date:** 16-Jun-11

**STANDARD METHODS 18TH ED. 5210 B**

Batch 68807		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>209</b>	198	0	105.6	84.6	115.4	06/08/2011	

Batch 68807		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>27</b>				29.00	7.14	06/08/2011	

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

Batch R150557		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>						06/09/2011	
Cyanide	0.01		< <b>0.01</b>						06/09/2011	
Cyanide	0.008		< <b>0.008</b>						06/09/2011	

Batch R150557		SampType: LCS		Units mg/Kg						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.01		<b>0.02</b>	0.02	0	98.5	85	115	06/09/2011	
Cyanide	0.01		<b>0.02</b>	0.02	0	98.7	85	115	06/09/2011	
Cyanide	0.007	S	<b>0.021</b>	0.025	0	83.4	85	115	06/09/2011	
Cyanide	0.007		<b>0.025</b>	0.025	0	99.2	90	110	06/09/2011	

Batch R150557		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	3.23	S	<b>10.2</b>	1.58	10.62	-25.4	75	125	06/09/2011	

Batch R150557		SampType: MSD		Units mg/Kg-dry				RPD Limit 15		Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	3.17	R	<b>12.5</b>	1.58	10.62	119.8	10.22	20.24	06/09/2011	

Batch R150557		SampType: MS		Units mg/L						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.035	S	<b>0.232</b>	0.025	0.2234	33.8	75	125	06/09/2011	

Batch R150557		SampType: MSD		Units mg/L				RPD Limit 15		Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.035	S	<b>0.233</b>	0.025	0.2234	36.8	0.2319	0.32	06/09/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

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

**Report Date:** 16-Jun-11

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

Batch 68783		SampType: MBLK		Units mg/L						
SampID: MB-68783										
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	06/09/2011	
Barium	0.0050	S	0.0223	0.0050	0	446.0	-100	100	06/09/2011	
Cadmium	0.0020		< 0.0020	0.0020	0	0	-100	100	06/09/2011	
Chromium	0.0100		< 0.0100	0.0100	0	0	-100	100	06/09/2011	
Selenium	0.0500		< 0.0500	0.0500	0	0	-100	100	06/09/2011	
Silver	0.0100		< 0.0100	0.0100	0	0	-100	100	06/09/2011	

Batch 68783		SampType: LCS		Units mg/L						
SampID: LCS-68783										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	0.0250		2.00	2.00	0	100.2	85	115	06/09/2011	
Barium	0.0050	B	2.05	2.00	0	102.4	85	115	06/09/2011	
Cadmium	0.0020		0.0511	0.0500	0	102.2	85	115	06/09/2011	
Chromium	0.0100		0.209	0.200	0	104.3	85	115	06/09/2011	
Selenium	0.0500		2.03	2.00	0	101.3	85	115	06/09/2011	
Silver	0.0100		0.0511	0.0500	0	102.2	85	115	06/09/2011	

Batch 68783		SampType: MS		Units mg/L						
SampID: 11060325-005CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	0.0250		2.01	2.00	0	100.5	75	125	06/09/2011	
Barium	0.0050	B	2.28	2.00	0.3614	96.1	75	125	06/09/2011	
Cadmium	0.0020		0.0485	0.0500	0	97.0	75	125	06/09/2011	
Chromium	0.0100		0.202	0.200	0	100.8	75	125	06/09/2011	
Selenium	0.0500		2.00	2.00	0	100	75	125	06/09/2011	
Silver	0.0100		0.0501	0.0500	0	100.2	75	125	06/09/2011	

Batch 68783		SampType: MSD		Units mg/L		RPD Limit 20				
SampID: 11060325-005CMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Arsenic	0.0250		1.91	2.00	0	95.5	2.010	5.10	06/09/2011	
Barium	0.0050	B	2.19	2.00	0.3614	91.6	2.284	4.02	06/09/2011	
Cadmium	0.0020		0.0462	0.0500	0	92.4	0.04850	4.86	06/09/2011	
Chromium	0.0100		0.191	0.200	0	95.4	0.2017	5.55	06/09/2011	
Selenium	0.0500		1.91	2.00	0	95.4	2.000	4.71	06/09/2011	
Silver	0.0100		0.0483	0.0500	0	96.6	0.05010	3.66	06/09/2011	

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

Batch 68799		SampType: MBLK		Units mg/L						
SampID: MB-68799										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead	7421		< 0.0020	0.0020	0	0	-100	100	06/09/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

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

**Report Date:** 16-Jun-11

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

Batch 68799		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS-68799											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Lead	7421	0.0020		<b>0.0129</b>	0.0150	0	86.1	80	120	06/09/2011	

Batch 68799		SampType: MS		Units mg/L							Date Analyzed
SampID: 11060325-005CMS											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Lead	7421	0.0020		<b>0.0133</b>	0.0150	0.0006106	84.4	70	130	06/09/2011	

Batch 68799		SampType: MSD		Units mg/L							Date Analyzed
SampID: 11060325-005CMSD											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Lead	7421	0.0020		<b>0.0135</b>	0.0150	0.0006106	86.2	0.01327	2.02	06/09/2011	

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

Batch 68842		SampType: MBLK		Units mg/Kg-dry							Date Analyzed
SampID: MB-68842											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic		2.50		< <b>2.50</b>	2.50	0	0	-100	100	06/10/2011	
Barium		0.50		< <b>0.50</b>	0.50	0	0	-100	100	06/10/2011	
Cadmium		0.20		< <b>0.20</b>	0.20	0	0	-100	100	06/10/2011	
Chromium		1.00		< <b>1.00</b>	1.00	0	0	-100	100	06/10/2011	
Lead		4.00		< <b>4.00</b>	4.00	0	0	-100	100	06/10/2011	
Silver		0.55		< <b>0.55</b>	0.55	0	0	-100	100	06/10/2011	

Batch 68842		SampType: LCS		Units mg/Kg-dry							Date Analyzed
SampID: LCS-68842											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic		2.50		<b>198</b>	200	0	99.1	85	115	06/10/2011	
Barium		0.50		<b>197</b>	200	0	98.5	85	115	06/10/2011	
Cadmium		0.20		<b>4.85</b>	5.00	0	97.0	85	115	06/10/2011	
Chromium		1.00		<b>19.6</b>	20.0	0	97.8	85	115	06/10/2011	
Lead		4.00		<b>47.8</b>	50.0	0	95.7	85	115	06/10/2011	
Silver		0.55		<b>4.94</b>	5.00	0	98.8	85	115	06/10/2011	

Batch 68842		SampType: MS		Units mg/Kg-dry							Date Analyzed
SampID: 11060325-001BMS											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic		2.50		<b>198</b>	200	12.73	92.7	75	125	06/13/2011	
Barium		0.50		<b>354</b>	200	161.0	96.6	75	125	06/13/2011	
Cadmium		0.20		<b>4.70</b>	5.00	0.1300	91.4	75	125	06/13/2011	
Chromium		1.00		<b>47.9</b>	20.0	25.02	114.6	75	125	06/13/2011	
Lead		4.00		<b>60.2</b>	50.0	13.95	92.4	75	125	06/13/2011	
Silver		0.55		<b>4.71</b>	5.00	0	94.2	75	125	06/13/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

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

**Report Date:** 16-Jun-11

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

Batch 68842		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11060325-001BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Arsenic	2.50		204	200	12.73	95.6	198.2	2.88	06/13/2011	
Barium	0.50		372	200	161.0	105.4	354.2	4.88	06/13/2011	
Cadmium	0.20		4.82	5.00	0.1300	93.8	4.700	2.52	06/13/2011	
Chromium	1.00		49.9	20.0	25.02	124.4	47.93	4.05	06/13/2011	
Lead	4.00		62.1	50.0	13.95	96.2	60.17	3.11	06/13/2011	
Silver	0.55		4.80	5.00	0	96.0	4.710	1.89	06/13/2011	

Batch 68842		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11060325-003BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic	2.50		203	200	14.00	94.4	75	125	06/13/2011	
Barium	0.50		380	200	208.5	86.0	75	125	06/13/2011	
Cadmium	0.20		4.96	5.00	0.3300	92.6	75	125	06/13/2011	
Chromium	1.00		45.2	20.0	25.46	98.7	75	125	06/13/2011	
Lead	4.00		61.8	50.0	15.44	92.8	75	125	06/13/2011	
Silver	0.55		4.74	5.00	0	94.8	75	125	06/13/2011	

Batch 68842		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11060325-003BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Arsenic	2.50		213	200	14.00	99.6	202.8	4.95	06/13/2011	
Barium	0.50		402	200	208.5	96.6	380.5	5.42	06/13/2011	
Cadmium	0.20		5.22	5.00	0.3300	97.8	4.960	5.11	06/13/2011	
Chromium	1.00		45.9	20.0	25.46	102.1	45.20	1.47	06/13/2011	
Lead	4.00		64.6	50.0	15.44	98.4	61.84	4.41	06/13/2011	
Silver	0.55		5.00	5.00	0	100	4.740	5.34	06/13/2011	

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

Batch 68828		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
SampID: MB-68828										
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	06/10/2011	

Batch 68828		SampType: LCS		Units mg/Kg-dry						Date Analyzed
SampID: LCS-68828										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	2.97	3.00	0	98.9	80	120	06/10/2011	

Batch 68828		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11060325-001BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	2.43	3.00	0	81.0	70	130	06/10/2011	

**Client:** PSC Industrial Outsourcing, LP

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

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

Batch 68828		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		
SampID: 11060325-001BMSD										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Selenium	7740	0.600		2.42	3.00	0	80.7	2.430	0.38	06/10/2011

**SW-846 7470A (TOTAL)**

Batch 68794		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MB-68794										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		< 0.00020	0.00020	0	0	-100	100	06/09/2011

Batch 68794		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS-68794										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00508	0.00500	0	101.6	85	115	06/09/2011

Batch 68794		SampType: MS		Units mg/L						Date Analyzed
SampID: 11060325-005CMS										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00492	0.00500	0	98.4	75	125	06/09/2011

Batch 68794		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 11060325-005CMSD										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		0.00496	0.00500	0	99.2	0.004920	0.81	06/09/2011

**SW-846 7471A**

Batch 68792		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68792										
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	06/08/2011

Batch 68792		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-68792										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.010		0.278	0.250	0	111.0	85	115	06/08/2011

Batch 68792		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11060325-003BMS										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.013		0.427	0.322	0.04514	118.4	75	125	06/08/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

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

**Report Date:** 16-Jun-11

**SW-846 7471A**

Batch 68792	SampType: MSD	Units mg/Kg-dry					RPD Limit 15			
SampID: 11060325-003BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury	0.013		<b>0.422</b>	0.322	0.04514	116.8	0.4269	1.22	06/08/2011	

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

Batch 68757	SampType: MBLK	Units mg/L								
SampID: MB-68757										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		ND						06/07/2011	
Acenaphthylene	0.00010		ND						06/07/2011	
Anthracene	0.00010		ND						06/07/2011	
Benzo(a)anthracene	0.00010		ND						06/07/2011	
Benzo(a)pyrene	0.00010		ND						06/07/2011	
Benzo(b)fluoranthene	0.00010		ND						06/07/2011	
Benzo(g,h,i)perylene	0.00010		ND						06/07/2011	
Benzo(k)fluoranthene	0.00010		ND						06/07/2011	
Chrysene	0.00010		ND						06/07/2011	
Dibenzo(a,h)anthracene	0.00010		ND						06/07/2011	
Fluoranthene	0.00010		ND						06/07/2011	
Fluorene	0.00010		ND						06/07/2011	
Indeno(1,2,3-cd)pyrene	0.00010		ND						06/07/2011	
Naphthalene	0.00010		ND						06/07/2011	
Phenanthrene	0.00010		ND						06/07/2011	
Pyrene	0.00010		ND						06/07/2011	
Surr: 2-Fluorobiphenyl			<b>0.00383</b>	0.00500		76.6	45.4	97.6	06/07/2011	
Surr: Nitrobenzene-d5			<b>0.00314</b>	0.00500		62.8	45.2	108	06/07/2011	
Surr: p-Terphenyl-d14			<b>0.00483</b>	0.00500		96.6	46	127	06/07/2011	

Batch 68757	SampType: LCS	Units mg/L								
SampID: LCS-68757										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010	S	<b>0.00566</b>	0.00500	0	113.2	50.1	103	06/07/2011	
Acenaphthylene	0.00010		<b>0.00495</b>	0.00500	0	98.9	53.3	122	06/07/2011	
Anthracene	0.00010		<b>0.00518</b>	0.00500	0	103.7	57.4	110	06/07/2011	
Benzo(a)anthracene	0.00010		<b>0.00502</b>	0.00500	0	100.4	56	102	06/07/2011	
Benzo(a)pyrene	0.00010		<b>0.00609</b>	0.00500	0	121.8	55.4	125	06/07/2011	
Benzo(b)fluoranthene	0.00010		<b>0.00627</b>	0.00500	0	125.4	59.3	127	06/07/2011	
Benzo(g,h,i)perylene	0.00010		<b>0.00440</b>	0.00500	0	87.9	58.4	125	06/07/2011	
Benzo(k)fluoranthene	0.00010		<b>0.00608</b>	0.00500	0	121.6	61.5	125	06/07/2011	
Chrysene	0.00010		<b>0.00534</b>	0.00500	0	106.8	58.7	118	06/07/2011	
Dibenzo(a,h)anthracene	0.00010		<b>0.00510</b>	0.00500	0	102.1	59.3	126	06/07/2011	
Fluoranthene	0.00010		<b>0.00547</b>	0.00500	0	109.4	60.1	117	06/07/2011	
Fluorene	0.00010		<b>0.00439</b>	0.00500	0	87.9	54.1	110	06/07/2011	
Indeno(1,2,3-cd)pyrene	0.00010		<b>0.00515</b>	0.00500	0	103.1	58.1	123	06/07/2011	
Naphthalene	0.00010		<b>0.00428</b>	0.00500	0	85.6	36.3	97.1	06/07/2011	
Phenanthrene	0.00010		<b>0.00497</b>	0.00500	0	99.4	55.9	107	06/07/2011	
Pyrene	0.00010		<b>0.00553</b>	0.00500	0	110.7	61.4	116	06/07/2011	
Surr: 2-Fluorobiphenyl			<b>0.00362</b>	0.00500		72.4	45.4	97.6	06/07/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 16-Jun-11

### SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68757		SampType: LCS		Units mg/L					
SampID: LCS-68757									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: Nitrobenzene-d5			0.00291	0.00500		58.2	45.2	108	06/07/2011
Surr: p-Terphenyl-d14			0.00455	0.00500		90.9	46	127	06/07/2011

Batch 68757		SampType: LCSD		Units mg/L		RPD Limit 50			
SampID: LCSD-68757									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.00010		0.00453	0.00500	0	90.5	0.005661	22.26	06/07/2011
Acenaphthylene	0.00010		0.00482	0.00500	0	96.4	0.004945	2.52	06/07/2011
Anthracene	0.00010		0.00521	0.00500	0	104.2	0.005183	0.48	06/07/2011
Benzo(a)anthracene	0.00010		0.00492	0.00500	0	98.3	0.005020	2.09	06/07/2011
Benzo(a)pyrene	0.00010		0.00602	0.00500	0	120.4	0.006091	1.19	06/07/2011
Benzo(b)fluoranthene	0.00010		0.00612	0.00500	0	122.3	0.006269	2.47	06/07/2011
Benzo(g,h,i)perylene	0.00010		0.00431	0.00500	0	86.2	0.004396	1.93	06/07/2011
Benzo(k)fluoranthene	0.00010		0.00603	0.00500	0	120.5	0.006081	0.89	06/07/2011
Chrysene	0.00010		0.00529	0.00500	0	105.8	0.005341	1.00	06/07/2011
Dibenzo(a,h)anthracene	0.00010		0.00505	0.00500	0	101.1	0.005103	0.96	06/07/2011
Fluoranthene	0.00010		0.00536	0.00500	0	107.1	0.005471	2.12	06/07/2011
Fluorene	0.00010		0.00436	0.00500	0	87.3	0.004394	0.66	06/07/2011
Indeno(1,2,3-cd)pyrene	0.00010		0.00510	0.00500	0	102.0	0.005154	1.07	06/07/2011
Naphthalene	0.00010		0.00421	0.00500	0	84.2	0.004282	1.65	06/07/2011
Phenanthrene	0.00010		0.00487	0.00500	0	97.5	0.004969	1.93	06/07/2011
Pyrene	0.00010		0.00547	0.00500	0	109.3	0.005534	1.24	06/07/2011
Surr: 2-Fluorobiphenyl			0.00339	0.00500		67.8			06/07/2011
Surr: Nitrobenzene-d5			0.00272	0.00500		54.5			06/07/2011
Surr: p-Terphenyl-d14			0.00441	0.00500		88.2			06/07/2011

### SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68781		SampType: MBLK		Units mg/Kg					
SampID: MB-68781									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.003		ND						06/08/2011
Acenaphthylene	0.003		ND						06/08/2011
Anthracene	0.003		ND						06/08/2011
Benzo(a)anthracene	0.003		ND						06/08/2011
Benzo(a)pyrene	0.003		ND						06/08/2011
Benzo(b)fluoranthene	0.003		ND						06/08/2011
Benzo(g,h,i)perylene	0.003		ND						06/08/2011
Benzo(k)fluoranthene	0.003		ND						06/08/2011
Bis(2-ethylhexyl)phthalate	0.067		ND						06/08/2011
Chrysene	0.003		ND						06/08/2011
Dibenzo(a,h)anthracene	0.003		ND						06/08/2011
Fluoranthene	0.003		ND						06/08/2011
Fluorene	0.003		ND						06/08/2011
Indeno(1,2,3-cd)pyrene	0.003		ND						06/08/2011
Naphthalene	0.003		ND						06/08/2011
Phenanthrene	0.003		ND						06/08/2011



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 16-Jun-11

**SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

**Batch 68781**      **SampType: MBLK**      Units **mg/Kg**

SampID: MB-68781

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Pyrene	0.003		<b>ND</b>						06/08/2011
Surr: 2-Fluorobiphenyl			<b>0.112</b>	0.167		66.9	45.7	89.2	06/08/2011
Surr: Nitrobenzene-d5			<b>0.089</b>	0.167		53.1	31.4	100	06/08/2011
Surr: p-Terphenyl-d14			<b>0.133</b>	0.167		79.6	53.3	124	06/08/2011

**Batch 68781**      **SampType: LCS**      Units **mg/Kg**

SampID: LCS-68781

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.003		<b>0.191</b>	0.167	0	114.3	56.3	115	06/08/2011
Acenaphthylene	0.003		<b>0.162</b>	0.167	0	97.0	60.3	143	06/08/2011
Anthracene	0.003		<b>0.156</b>	0.167	0	93.6	52.1	109	06/08/2011
Benzo(a)anthracene	0.003		<b>0.162</b>	0.167	0	96.9	52.8	112	06/08/2011
Benzo(a)pyrene	0.003		<b>0.182</b>	0.167	0	109.0	40.8	127	06/08/2011
Benzo(b)fluoranthene	0.003		<b>0.202</b>	0.167	0	120.7	50.1	150	06/08/2011
Benzo(g,h,i)perylene	0.003		<b>0.197</b>	0.167	0	117.8	52.8	145	06/08/2011
Benzo(k)fluoranthene	0.003		<b>0.198</b>	0.167	0	118.3	52	153	06/08/2011
Bis(2-ethylhexyl)phthalate	0.067		<b>0.245</b>	0.167	0	146.7	50	150	06/08/2011
Chrysene	0.003		<b>0.176</b>	0.167	0	105.6	60.8	128	06/08/2011
Dibenzo(a,h)anthracene	0.003		<b>0.201</b>	0.167	0	120.5	54.9	150	06/08/2011
Fluoranthene	0.003		<b>0.173</b>	0.167	0	103.8	58.7	125	06/08/2011
Fluorene	0.003		<b>0.147</b>	0.167	0	87.8	57.8	125	06/08/2011
Indeno(1,2,3-cd)pyrene	0.003		<b>0.207</b>	0.167	0	123.8	52	147	06/08/2011
Naphthalene	0.003		<b>0.145</b>	0.167	0	86.8	54.8	113	06/08/2011
Phenanthrene	0.003		<b>0.160</b>	0.167	0	95.6	60.4	121	06/08/2011
Pyrene	0.003		<b>0.175</b>	0.167	0	105.0	57.9	129	06/08/2011
Surr: 2-Fluorobiphenyl			<b>0.097</b>	0.167		57.8	45.7	89.2	06/08/2011
Surr: Nitrobenzene-d5			<b>0.074</b>	0.167		44.3	31.4	100	06/08/2011
Surr: p-Terphenyl-d14			<b>0.137</b>	0.167		81.9	53.3	124	06/08/2011

**Batch 68781**      **SampType: MS**      Units **mg/Kg-dry**

SampID: 11060325-002AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.104	S	<b>0.399</b>	0.205	0	194.6	36	135	06/14/2011
Acenaphthylene	0.104		<b>0.317</b>	0.205	0	154.7	17.2	167	06/14/2011
Anthracene	0.104	S	<b>0.327</b>	0.205	0	159.7	39.3	124	06/14/2011
Benzo(a)anthracene	0.104		<b>0.337</b>	0.205	0	164.7	10	183	06/14/2011
Benzo(a)pyrene	0.104		<b>0.276</b>	0.205	0	134.7	10	204	06/14/2011
Benzo(b)fluoranthene	0.104		<b>0.266</b>	0.205	0	129.7	10.6	178	06/14/2011
Benzo(g,h,i)perylene	0.104		<b>0.255</b>	0.205	0	124.8	10	168	06/14/2011
Benzo(k)fluoranthene	0.104		<b>0.245</b>	0.205	0	119.8	27.6	181	06/14/2011
Bis(2-ethylhexyl)phthalate	0.082		<b>0.261</b>	0.205	0	127.3	50	150	06/14/2011
Chrysene	0.104		<b>0.307</b>	0.205	0	149.7	10	176	06/14/2011
Dibenzo(a,h)anthracene	0.104		<b>0.204</b>	0.205	0	99.8	12.2	156	06/14/2011
Fluoranthene	0.104		<b>0.337</b>	0.205	0	164.7	10	227	06/14/2011
Fluorene	0.104	S	<b>0.460</b>	0.205	0	224.6	35.2	148	06/14/2011
Indeno(1,2,3-cd)pyrene	0.104		<b>0.225</b>	0.205	0	109.8	10	164	06/14/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 16-Jun-11

**SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 68781		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11060325-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Naphthalene	0.104		<b>0.245</b>	0.205	0	119.8	14.7	128	06/14/2011	
Phenanthrene	0.104	S	<b>0.317</b>	0.205	0	154.7	32.8	143	06/14/2011	
Pyrene	0.104	S	<b>0.460</b>	0.205	0	224.6	10	180	06/14/2011	
Surr: 2-Fluorobiphenyl			<b>0.153</b>	0.205		74.9	10	131	06/14/2011	
Surr: Nitrobenzene-d5			<b>0.133</b>	0.205		64.9	10	132	06/14/2011	
Surr: p-Terphenyl-d14			<b>0.143</b>	0.205		69.9	30.6	131	06/14/2011	

Batch 68781		SampType: MSD		Units mg/Kg-dry						RPD Limit 49.7		Date Analyzed
SampID: 11060325-002AMSD												
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD				
Acenaphthene	0.105		<b>0.278</b>	0.206	0	134.7	0.3986	35.69	06/14/2011			
Acenaphthylene	0.105		<b>0.247</b>	0.206	0	119.8	0.3168	24.77	06/14/2011			
Anthracene	0.105	S	<b>0.309</b>	0.206	0	149.7	0.3270	5.76	06/14/2011			
Benzo(a)anthracene	0.105		<b>0.340</b>	0.206	0	164.7	0.3372	0.70	06/14/2011			
Benzo(a)pyrene	0.105		<b>0.278</b>	0.206	0	134.7	0.2759	0.70	06/14/2011			
Benzo(b)fluoranthene	0.105		<b>0.257</b>	0.206	0	124.8	0.2657	3.23	06/14/2011			
Benzo(g,h,i)perylene	0.105		<b>0.257</b>	0.206	0	124.8	0.2555	0.70	06/14/2011			
Benzo(k)fluoranthene	0.105		<b>0.247</b>	0.206	0	119.8	0.2453	0.70	06/14/2011			
Bis(2-ethylhexyl)phthalate	0.083		<b>0.250</b>	0.206	0	121.4	0.2608	4.12	06/14/2011			
Chrysene	0.105		<b>0.298</b>	0.206	0	144.7	0.3066	2.69	06/14/2011			
Dibenzo(a,h)anthracene	0.105		<b>0.206</b>	0.206	0	99.8	0.2044	0.70	06/14/2011			
Fluoranthene	0.105		<b>0.329</b>	0.206	0	159.7	0.3372	2.38	06/14/2011			
Fluorene	0.105		<b>0.298</b>	0.206	0	144.7	0.4599	42.58	06/14/2011			
Indeno(1,2,3-cd)pyrene	0.105		<b>0.237</b>	0.206	0	114.8	0.2248	5.14	06/14/2011			
Naphthalene	0.105		<b>0.237</b>	0.206	0	114.8	0.2453	3.56	06/14/2011			
Phenanthrene	0.105		<b>0.247</b>	0.206	0	119.8	0.3168	24.77	06/14/2011			
Pyrene	0.105	S	<b>0.443</b>	0.206	0	214.6	0.4599	3.85	06/14/2011			
Surr: 2-Fluorobiphenyl			<b>0.123</b>	0.206		59.9			06/14/2011			
Surr: Nitrobenzene-d5			<b>0.175</b>	0.206		84.8			06/14/2011			
Surr: p-Terphenyl-d14			<b>0.144</b>	0.206		69.9			06/14/2011			

Batch 68793		SampType: MBLK		Units %REC						Date Analyzed
SampID: MB-68793										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 2-Fluorobiphenyl			<b>0.670</b>	0.835		80.2	46.3	106	06/08/2011	
Surr: Nitrobenzene-d5			<b>0.676</b>	0.835		81.0	42.4	99.2	06/08/2011	
Surr: p-Terphenyl-d14			<b>0.832</b>	0.835		99.6	45.5	115	06/08/2011	

Batch 68793		SampType: LCS		Units %REC						Date Analyzed
SampID: LCS-68793										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 2-Fluorobiphenyl			<b>0.633</b>	0.835		75.8	46.3	106	06/08/2011	
Surr: Nitrobenzene-d5			<b>0.821</b>	0.835		98.3	42.4	99.2	06/08/2011	
Surr: p-Terphenyl-d14			<b>0.789</b>	0.835		94.5	45.5	115	06/08/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 16-Jun-11

### SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68793		SampType: LCS		Units %REC					
SampID: LCSDRO-68793									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: 2-Fluorobiphenyl			0.420	0.835		50.3	46.3	106	06/08/2011
Surr: Nitrobenzene-d5			0.380	0.835		45.4	42.4	99.2	06/08/2011
Surr: p-Terphenyl-d14			0.542	0.835		64.9	45.5	115	06/08/2011

### SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68793		SampType: MBLK		Units mg/Kg					
SampID: MB-68793									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trichlorobenzene	0.500		ND						06/09/2011
1,2-Dichlorobenzene	0.500		ND						06/09/2011
1,3-Dichlorobenzene	0.500		ND						06/09/2011
1,4-Dichlorobenzene	0.500		ND						06/09/2011
2,4,5-Trichlorophenol	0.350		ND						06/09/2011
2,4,6-Trichlorophenol	0.350		ND						06/09/2011
2,4-Dichlorophenol	0.500		ND						06/09/2011
2,4-Dimethylphenol	0.500		ND						06/09/2011
2,4-Dinitrophenol	1.00		ND						06/09/2011
2,4-Dinitrotoluene	0.350		ND						06/09/2011
2,6-Dinitrotoluene	0.350		ND						06/09/2011
2-Chloronaphthalene	0.350		ND						06/09/2011
2-Chlorophenol	0.500		ND						06/09/2011
2-Methoxy-4-methylphenol	0.650		ND						06/09/2011
2-Methylnaphthalene	0.350		ND						06/09/2011
2-Nitroaniline	1.00		ND						06/09/2011
2-Nitrophenol	0.350		ND						06/09/2011
3,3'-Dichlorobenzidine	0.350		ND						06/09/2011
3-Nitroaniline	1.00		ND						06/09/2011
4,6-Dinitro-2-methylphenol	1.00		ND						06/09/2011
4-Bromophenyl phenyl ether	0.350		ND						06/09/2011
4-Chloro-3-methylphenol	0.500		ND						06/09/2011
4-Chloroaniline	0.500		ND						06/09/2011
4-Chlorophenyl phenyl ether	0.350		ND						06/09/2011
4-Nitroaniline	0.500		ND						06/09/2011
4-Nitrophenol	0.350		ND						06/09/2011
Aniline	0.500		ND						06/09/2011
Azobenzene	0.350		ND						06/09/2011
Benzidine	1.06		ND						06/09/2011
Benzoic acid	1.50		ND						06/09/2011
Benzyl alcohol	0.500		ND						06/09/2011
Bis(2-chloroethoxy)methane	0.350		ND						06/09/2011
Bis(2-chloroethyl)ether	0.500		ND						06/09/2011
Bis(2-chloroisopropyl)ether	0.350		ND						06/09/2011
Butyl benzyl phthalate	0.350		ND						06/09/2011
Carbazole	0.500		ND						06/09/2011
Dibenzofuran	0.350		ND						06/09/2011
Diethyl phthalate	0.500		ND						06/09/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 16-Jun-11

## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68793		SampType: MBLK		Units mg/Kg						
SampID: MB-68793										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dimethyl phthalate	0.350		ND						06/09/2011	
Di-n-butyl phthalate	0.350		ND						06/09/2011	
Di-n-octyl phthalate	0.350		ND						06/09/2011	
Hexachlorobenzene	0.350		ND						06/09/2011	
Hexachlorobutadiene	0.500		ND						06/09/2011	
Hexachlorocyclopentadiene	0.350		ND						06/09/2011	
Hexachloroethane	0.500		ND						06/09/2011	
Isophorone	0.350		ND						06/09/2011	
m,p-Cresol	0.500		ND						06/09/2011	
Nitrobenzene	0.500		ND						06/09/2011	
N-Nitrosodimethylamine	0.500		ND						06/09/2011	
N-Nitroso-di-n-propylamine	0.500		ND						06/09/2011	
N-Nitrosodiphenylamine	0.500		ND						06/09/2011	
o-Cresol	0.500		ND						06/09/2011	
Pentachlorophenol	2.00		ND						06/09/2011	
Phenol	0.350		ND						06/09/2011	
Pyridine	0.500		ND						06/09/2011	
1,2-Diphenylhydrazine	0.840		ND						06/09/2011	
Surr: 2,4,6-Tribromophenol			1.59	1.67		95.2	52.1	113	06/09/2011	
Surr: 2-Fluorobiphenyl			0.663	0.835		79.4	46.3	106	06/09/2011	
Surr: 2-Fluorophenol			1.21	1.67		72.2	50.6	89	06/09/2011	
Surr: Nitrobenzene-d5			0.671	0.835		80.4	42.4	99.2	06/09/2011	
Surr: Phenol-d5			1.21	1.67		72.5	55.9	98.5	06/09/2011	
Surr: p-Terphenyl-d14			0.848	0.835		101.5	45.5	115	06/09/2011	

Batch 68793		SampType: LCS		Units mg/Kg						
SampID: LCS-68793										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		1.29	1.67	0	77.1	43.9	92.2	06/09/2011	
1,4-Dichlorobenzene	0.500		1.20	1.67	0	72.0	43.8	84.1	06/09/2011	
2,4,5-Trichlorophenol	0.350		3.16	3.33	0	94.9	38.6	123	06/09/2011	
2,4,6-Trichlorophenol	0.350		3.21	3.33	0	96.5	35.9	123	06/09/2011	
2,4-Dimethylphenol	0.500		2.63	3.33	0	78.9	38.3	88	06/09/2011	
2,4-Dinitrophenol	1.00		3.27	3.33	0	98.3	1.88	162	06/09/2011	
2,4-Dinitrotoluene	0.350		1.54	1.67	0	92.0	48.6	102	06/09/2011	
2-Chlorophenol	0.500		2.53	3.33	0	76.0	46.6	84	06/09/2011	
4-Chloro-3-methylphenol	0.500		3.15	3.33	0	94.7	51.5	94.9	06/09/2011	
4-Nitrophenol	0.350	S	4.91	3.33	0	147.3	53.2	104	06/09/2011	
Diethyl phthalate	0.500		3.39	3.33	0	101.7	51.7	106	06/09/2011	
Dimethyl phthalate	0.350		2.94	3.33	0	88.4	58.8	104	06/09/2011	
Di-n-butyl phthalate	0.350		1.58	1.67	0	94.6	54.3	105	06/09/2011	
Hexachlorobenzene	0.350		3.08	3.33	0	92.4	55.9	106	06/09/2011	
Hexachlorobutadiene	0.500		2.91	3.33	0	87.5	35.7	100	06/09/2011	
Hexachloroethane	0.500		2.63	3.33	0	79.0	38.9	89.9	06/09/2011	
m,p-Cresol	0.500		1.28	1.67	0	76.9	37.6	93.7	06/09/2011	
Nitrobenzene	0.500		2.47	3.33	0	74.1	51.8	104	06/09/2011	
N-Nitroso-di-n-propylamine	0.500		1.20	1.67	0	71.6	49.1	94.5	06/09/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 16-Jun-11

## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68793		SampType: LCS		Units mg/Kg						
SampID: LCS-68793										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
o-Cresol	0.500		1.28	1.67	0	76.5	43	101	06/09/2011	
Pentachlorophenol	2.00		2.90	3.33	0	87.0	42.2	102	06/09/2011	
Phenol	0.350		2.38	3.33	0	71.4	41.6	81.3	06/09/2011	
Pyridine	0.500		1.66	3.33	0	49.8	3.61	74.3	06/09/2011	
Surr: 2,4,6-Tribromophenol			1.63	1.67		97.4	52.1	113	06/09/2011	
Surr: 2-Fluorobiphenyl			0.637	0.835		76.3	46.3	106	06/09/2011	
Surr: 2-Fluorophenol			1.14	1.67		68.3	50.6	89	06/09/2011	
Surr: Nitrobenzene-d5			0.594	0.835		71.1	42.4	99.2	06/09/2011	
Surr: Phenol-d5			1.17	1.67		69.8	55.9	98.5	06/09/2011	
Surr: p-Terphenyl-d14			0.787	0.835		94.2	45.5	115	06/09/2011	

Batch 68793		SampType: MS		Units mg/Kg-dry						
SampID: 11060325-003AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.653		1.48	2.18	0	68.0	35.9	102	06/09/2011	
1,4-Dichlorobenzene	0.653		1.32	2.18	0	60.7	29.8	95.5	06/09/2011	
2,4,5-Trichlorophenol	0.457		3.78	4.35	0	86.9	38.6	123	06/09/2011	
2,4,6-Trichlorophenol	0.457		3.78	4.35	0	86.9	35.9	123	06/09/2011	
2,4-Dimethylphenol	0.653		2.60	4.35	0	59.7	38.3	88	06/09/2011	
2,4-Dinitrophenol	1.31		3.21	4.35	0	73.8	1.88	162	06/09/2011	
2,4-Dinitrotoluene	0.457		1.93	2.18	0	88.5	37.5	107	06/09/2011	
2-Chlorophenol	0.653		2.53	4.35	0	58.3	22.6	108	06/09/2011	
4-Chloro-3-methylphenol	0.653		3.80	4.35	0	87.4	19.3	131	06/09/2011	
4-Nitrophenol	0.457	S	6.43	4.35	0	148.0	27.6	123	06/09/2011	
Diethyl phthalate	0.653		4.33	4.35	0	99.5	51.7	106	06/09/2011	
Dimethyl phthalate	0.457		3.81	4.35	0	87.6	58.8	104	06/09/2011	
Di-n-butyl phthalate	0.457		1.98	2.18	0	91.0	54.3	105	06/09/2011	
Hexachlorobenzene	0.457		3.76	4.35	0	86.4	55.9	106	06/09/2011	
Hexachlorobutadiene	0.653		3.23	4.35	0	74.3	35.7	100	06/09/2011	
Hexachloroethane	0.653		2.77	4.35	0	63.8	38.9	89.9	06/09/2011	
m,p-Cresol	0.653		1.37	2.18	0	62.7	37.6	93.7	06/09/2011	
Nitrobenzene	0.653		2.87	4.35	0	66.0	51.8	104	06/09/2011	
N-Nitroso-di-n-propylamine	0.653		1.49	2.18	0	68.5	45.5	99.1	06/09/2011	
o-Cresol	0.653		1.35	2.18	0	61.9	43	101	06/09/2011	
Pentachlorophenol	2.61		3.27	4.35	0	75.2	18.5	113	06/09/2011	
Phenol	0.457		2.55	4.35	0	58.7	20.8	110	06/09/2011	
Pyridine	0.653		1.61	4.35	0	36.9	3.61	74.3	06/09/2011	
Surr: 2,4,6-Tribromophenol			1.79	2.18		81.9	32.7	130	06/09/2011	
Surr: 2-Fluorobiphenyl			0.614	1.09		56.3	34.1	116	06/09/2011	
Surr: 2-Fluorophenol			1.10	2.18		50.3	30.5	99	06/09/2011	
Surr: Nitrobenzene-d5			0.646	1.09		59.2	34.1	101	06/09/2011	
Surr: Phenol-d5			1.22	2.18		56.0	34.9	110	06/09/2011	
Surr: p-Terphenyl-d14			0.938	1.09		86.1	41.7	124	06/09/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 16-Jun-11

## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68793	SampType: MSD	Units mg/Kg-dry						RPD Limit 40		Date Analyzed
SampID: 11060325-003AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,2,4-Trichlorobenzene	0.651		1.28	2.17	0	58.8	1.483	14.84	06/09/2011	
1,4-Dichlorobenzene	0.651		1.14	2.17	0	52.4	1.324	15.01	06/09/2011	
2,4,5-Trichlorophenol	0.456		3.48	4.33	0	80.3	3.778	8.23	06/09/2011	
2,4,6-Trichlorophenol	0.456		3.53	4.33	0	81.4	3.777	6.83	06/09/2011	
2,4-Dimethylphenol	0.651		2.36	4.33	0	54.5	2.598	9.49	06/09/2011	
2,4-Dinitrophenol	1.30		3.20	4.33	0	73.8	3.209	0.39	06/09/2011	
2,4-Dinitrotoluene	0.456		1.86	2.17	0	85.4	1.931	3.90	06/09/2011	
2-Chlorophenol	0.651		2.12	4.33	0	48.9	2.534	17.79	06/09/2011	
4-Chloro-3-methylphenol	0.651		3.52	4.33	0	81.1	3.800	7.74	06/09/2011	
4-Nitrophenol	0.456	S	6.06	4.33	0	139.8	6.435	6.01	06/09/2011	
Diethyl phthalate	0.651		4.11	4.33	0	94.7	4.327	5.25	06/09/2011	
Dimethyl phthalate	0.456		3.62	4.33	0	83.4	3.809	5.18	06/09/2011	
Di-n-butyl phthalate	0.456		1.93	2.17	0	88.7	1.984	2.91	06/09/2011	
Hexachlorobenzene	0.456		3.68	4.33	0	84.9	3.757	2.05	06/09/2011	
Hexachlorobutadiene	0.651		2.68	4.33	0	61.9	3.233	18.55	06/09/2011	
Hexachloroethane	0.651		2.33	4.33	0	53.7	2.773	17.40	06/09/2011	
m,p-Cresol	0.651		1.23	2.17	0	56.6	1.368	10.58	06/09/2011	
Nitrobenzene	0.651		2.51	4.33	0	57.9	2.869	13.38	06/09/2011	
N-Nitroso-di-n-propylamine	0.651		1.31	2.17	0	60.4	1.493	12.82	06/09/2011	
o-Cresol	0.651		1.19	2.17	0	54.6	1.350	12.78	06/09/2011	
Pentachlorophenol	2.60		3.23	4.33	0	74.5	3.268	1.21	06/09/2011	
Phenol	0.456		2.25	4.33	0	51.9	2.553	12.64	06/09/2011	
Pyridine	0.651		1.46	4.33	0	33.7	1.606	9.56	06/09/2011	
Surr: 2,4,6-Tribromophenol			1.57	2.17		72.3			06/09/2011	
Surr: 2-Fluorobiphenyl			0.455	1.09		41.9			06/09/2011	
Surr: 2-Fluorophenol			0.858	2.17		39.5			06/09/2011	
Surr: Nitrobenzene-d5			0.528	1.09		48.5			06/09/2011	
Surr: Phenol-d5			1.03	2.17		47.3			06/09/2011	
Surr: p-Terphenyl-d14			0.881	1.09		81.0			06/09/2011	

## SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68805	SampType: MBLK	Units µg/L								Date Analyzed
SampID: MBLK-T110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		ND						06/07/2011	
Ethylbenzene	5.0		ND						06/07/2011	
Toluene	5.0		ND						06/07/2011	
Xylenes, Total	5.0		ND						06/07/2011	
Surr: 1,2-Dichloroethane-d4			50.5	50.0		100.9	74.7	129	06/07/2011	
Surr: 4-Bromofluorobenzene			49.8	50.0		99.5	86	119	06/07/2011	
Surr: Dibromofluoromethane			50.4	50.0		100.8	81.7	123	06/07/2011	
Surr: Toluene-d8			49.4	50.0		98.7	84.3	114	06/07/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 16-Jun-11

**SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 68805		SampType: LCSD		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCSD-T110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	2.0		48.8	50.0	0	97.6	49.19	0.82	06/07/2011	
Ethylbenzene	5.0		46.4	50.0	0	92.8	48.25	3.89	06/07/2011	
Toluene	5.0		47.1	50.0	0	94.2	47.83	1.54	06/07/2011	
Xylenes, Total	5.0		144	150	0	95.7	149.0	3.71	06/07/2011	
Surr: 1,2-Dichloroethane-d4			51.9	50.0		103.8			06/07/2011	
Surr: 4-Bromofluorobenzene			48.4	50.0		96.8			06/07/2011	
Surr: Dibromofluoromethane			51.2	50.0		102.3			06/07/2011	
Surr: Toluene-d8			49.7	50.0		99.5			06/07/2011	

Batch 68805		SampType: LCS		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCS-T110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		49.2	50.0	0	98.4	82.7	117	06/07/2011	
Ethylbenzene	5.0		48.2	50.0	0	96.5	83	113	06/07/2011	
Toluene	5.0		47.8	50.0	0	95.7	79.6	116	06/07/2011	
Xylenes, Total	5.0		149	150	0	99.3	80.3	120	06/07/2011	
Surr: 1,2-Dichloroethane-d4			51.9	50.0		103.7	74.7	129	06/07/2011	
Surr: 4-Bromofluorobenzene			50.8	50.0		101.5	86	119	06/07/2011	
Surr: Dibromofluoromethane			51.4	50.0		102.9	81.7	123	06/07/2011	
Surr: Toluene-d8			49.8	50.0		99.6	84.3	114	06/07/2011	

Batch 68805		SampType: MS		Units µg/L				RPD Limit 40		Date Analyzed
SampID: 11060325-005EMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		61.4	60.0	0	102.3	57.8	125	06/07/2011	
Ethylbenzene	5.0		64.3	60.0	0	107.1	72.8	123	06/07/2011	
Toluene	5.0		61.5	60.0	0	102.5	75.8	123	06/07/2011	
Xylenes, Total	5.0		125	120	0	104.0	73	127	06/07/2011	
Surr: 1,2-Dichloroethane-d4			50.0	50.0		100	74.7	129	06/07/2011	
Surr: 4-Bromofluorobenzene			49.6	50.0		99.3	86	119	06/07/2011	
Surr: Dibromofluoromethane			49.1	50.0		98.2	81.7	123	06/07/2011	
Surr: Toluene-d8			49.8	50.0		99.5	84.3	114	06/07/2011	

Batch 68805		SampType: MSD		Units µg/L				RPD Limit 20		Date Analyzed
SampID: 11060325-005EMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	2.0		61.5	60.0	0	102.5	61.38	0.23	06/07/2011	
Ethylbenzene	5.0		64.4	60.0	0	107.4	64.28	0.20	06/07/2011	
Toluene	5.0		61.7	60.0	0	102.9	61.49	0.41	06/07/2011	
Xylenes, Total	5.0		125	120	0	104.2	124.7	0.21	06/07/2011	
Surr: 1,2-Dichloroethane-d4			49.0	50.0		98.1			06/07/2011	
Surr: 4-Bromofluorobenzene			50.6	50.0		101.2			06/07/2011	
Surr: Dibromofluoromethane			49.1	50.0		98.2			06/07/2011	
Surr: Toluene-d8			49.2	50.0		98.3			06/07/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 16-Jun-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68779	SampType: MBLK	Units µg/Kg											
SampID: MBLK-G110607-1				Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
				1,1,1,2-Tetrachloroethane	5.00		ND						06/07/2011
				1,1,1-Trichloroethane	5.00		ND						06/07/2011
				1,1,2,2-Tetrachloroethane	5.00		ND						06/07/2011
				1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		ND						06/07/2011
				1,1,2-Trichloroethane	5.00		ND						06/07/2011
				1,1-Dichloro-2-propanone	50.0		ND						06/07/2011
				1,1-Dichloroethane	5.00		ND						06/07/2011
				1,1-Dichloroethene	5.00		ND						06/07/2011
				1,1-Dichloropropene	5.00		ND						06/07/2011
				1,2,3-Trichlorobenzene	5.00		ND						06/07/2011
				1,2,3-Trichloropropane	10.0		ND						06/07/2011
				1,2,3-Trimethylbenzene	5.00		ND						06/07/2011
				1,2,4-Trichlorobenzene	5.00		ND						06/07/2011
				1,2,4-Trimethylbenzene	5.00		ND						06/07/2011
				1,2-Dibromo-3-chloropropane	5.00		ND						06/07/2011
				1,2-Dibromoethane	5.00		ND						06/07/2011
				1,2-Dichlorobenzene	5.00		ND						06/07/2011
				1,2-Dichloroethane	5.00		ND						06/07/2011
				1,2-Dichloropropane	5.00		ND						06/07/2011
				1,3,5-Trimethylbenzene	5.00		ND						06/07/2011
				1,3-Dichlorobenzene	5.00		ND						06/07/2011
				1,3-Dichloropropane	5.00		ND						06/07/2011
				1,4-Dichlorobenzene	5.00		ND						06/07/2011
				1-Chlorobutane	5.00		ND						06/07/2011
				2,2-Dichloropropane	5.00		ND						06/07/2011
				2-Butanone	50.0		ND						06/07/2011
				2-Chlorotoluene	5.00		ND						06/07/2011
				2-Hexanone	50.0		ND						06/07/2011
				2-Nitropropane	50.0		ND						06/07/2011
				4-Chlorotoluene	5.00		ND						06/07/2011
				4-Methyl-2-pentanone	50.0		ND						06/07/2011
				Acetone	50.0		ND						06/07/2011
				Acrolein	100		ND						06/07/2011
				Acrylonitrile	10.0		ND						06/07/2011
				Allyl chloride	5.00		ND						06/07/2011
				Benzene	1.00		ND						06/07/2011
				Bromobenzene	5.00		ND						06/07/2011
				Bromochloromethane	5.00		ND						06/07/2011
				Bromodichloromethane	5.00		ND						06/07/2011
				Bromoform	5.00		ND						06/07/2011
				Bromomethane	10.0		ND						06/07/2011
				Carbon disulfide	5.00		ND						06/07/2011
				Carbon tetrachloride	5.00		ND						06/07/2011
				Chlorobenzene	5.00		ND						06/07/2011
				Chloroethane	10.0		ND						06/07/2011
				Chloroform	5.00		ND						06/07/2011
				Chloromethane	10.0		ND						06/07/2011



Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 16-Jun-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68779		SampType: MBLK		Units µg/Kg					Date Analyzed
SampID: MBLK-G110607-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
cis-1,2-Dichloroethene	5.00		ND						06/07/2011
cis-1,3-Dichloropropene	4.00		ND						06/07/2011
Cyclohexanone	100		ND						06/07/2011
Dibromochloromethane	5.00		ND						06/07/2011
Dibromomethane	5.00		ND						06/07/2011
Dichlorodifluoromethane	10.0		ND						06/07/2011
Ethyl acetate	50.0		ND						06/07/2011
Ethyl ether	5.00		ND						06/07/2011
Ethyl methacrylate	5.00		ND						06/07/2011
Ethylbenzene	5.00		ND						06/07/2011
Heptane	20.0		ND						06/07/2011
Hexachlorobutadiene	5.00		ND						06/07/2011
Hexachloroethane	5.00		ND						06/07/2011
Iodomethane	10.0		ND						06/07/2011
Isopropylbenzene	5.00		ND						06/07/2011
m,p-Xylenes	5.00		ND						06/07/2011
Methacrylonitrile	50.0		ND						06/07/2011
Methyl Methacrylate	5.00		ND						06/07/2011
Methyl tert-butyl ether	2.00		ND						06/07/2011
Methylacrylate	10.0		ND						06/07/2011
Methylene chloride	5.00		ND						06/07/2011
Naphthalene	10.0		ND						06/07/2011
n-Butylbenzene	5.00		ND						06/07/2011
n-Hexane	20.0		ND						06/07/2011
Nitrobenzene	100		ND						06/07/2011
n-Propylbenzene	5.00		ND						06/07/2011
o-Xylene	5.00		ND						06/07/2011
Pentachloroethane	5.00		ND						06/07/2011
p-Isopropyltoluene	5.00		ND						06/07/2011
Propionitrile	50.0		ND						06/07/2011
sec-Butylbenzene	5.00		ND						06/07/2011
Styrene	5.00		ND						06/07/2011
tert-Butylbenzene	5.00		ND						06/07/2011
Tetrachloroethene	5.00		ND						06/07/2011
Tetrahydrofuran	50.0		ND						06/07/2011
Toluene	5.00		ND						06/07/2011
trans-1,2-Dichloroethene	5.00		ND						06/07/2011
trans-1,3-Dichloropropene	4.00		ND						06/07/2011
Trichloroethene	5.00		ND						06/07/2011
Trichlorofluoromethane	5.00		ND						06/07/2011
Vinyl acetate	50.0		ND						06/07/2011
Vinyl chloride	2.00		ND						06/07/2011
Surr: 1,2-Dichloroethane-d4			56.6	50.0		113.2	72.2	131	06/07/2011
Surr: 4-Bromofluorobenzene			54.8	50.0		109.7	82.1	116	06/07/2011
Surr: Toluene-d8			47.1	50.0		94.2	86	116	06/07/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 16-Jun-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 68779	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-G110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		52.3	50.0	0	104.6	52.53	0.46	06/07/2011	
1,1,1-Trichloroethane	5.00		55.8	50.0	0	111.7	55.42	0.77	06/07/2011	
1,1,2,2-Tetrachloroethane	5.00		46.4	50.0	0	92.8	45.40	2.20	06/07/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		47.7	50.0	0	95.4	49.19	3.10	06/07/2011	
1,1,2-Trichloroethane	5.00		48.7	50.0	0	97.3	47.82	1.76	06/07/2011	
1,1-Dichloro-2-propanone	50.0		149	125	0	119.5	139.2	7.01	06/07/2011	
1,1-Dichloroethane	5.00		47.2	50.0	0	94.5	47.05	0.42	06/07/2011	
1,1-Dichloroethene	5.00		48.4	50.0	0	96.8	48.67	0.56	06/07/2011	
1,1-Dichloropropene	5.00		49.0	50.0	0	97.9	48.87	0.18	06/07/2011	
1,2,3-Trichlorobenzene	5.00		54.6	50.0	0	109.2	55.51	1.65	06/07/2011	
1,2,3-Trichloropropane	10.0		52.4	50.0	0	104.8	51.24	2.28	06/07/2011	
1,2,3-Trimethylbenzene	5.00		49.2	50.0	0	98.4	49.30	0.20	06/07/2011	
1,2,4-Trichlorobenzene	5.00		54.3	50.0	0	108.6	55.41	2.02	06/07/2011	
1,2,4-Trimethylbenzene	5.00		48.4	50.0	0	96.7	48.30	0.14	06/07/2011	
1,2-Dibromo-3-chloropropane	5.00		56.1	50.0	0	112.2	52.47	6.65	06/07/2011	
1,2-Dibromoethane	5.00		51.8	50.0	0	103.5	50.88	1.71	06/07/2011	
1,2-Dichlorobenzene	5.00		48.8	50.0	0	97.7	49.04	0.39	06/07/2011	
1,2-Dichloroethane	5.00		56.3	50.0	0	112.5	55.52	1.32	06/07/2011	
1,2-Dichloropropane	5.00		45.4	50.0	0	90.7	45.91	1.23	06/07/2011	
1,3,5-Trimethylbenzene	5.00		46.9	50.0	0	93.8	46.85	0.06	06/07/2011	
1,3-Dichlorobenzene	5.00		48.9	50.0	0	97.9	48.85	0.16	06/07/2011	
1,3-Dichloropropane	5.00		46.3	50.0	0	92.5	46.81	1.16	06/07/2011	
1,4-Dichlorobenzene	5.00		47.9	50.0	0	95.8	48.21	0.65	06/07/2011	
1-Chlorobutane	5.00		43.8	50.0	0	87.6	43.98	0.41	06/07/2011	
2,2-Dichloropropane	5.00		52.9	50.0	0	105.7	53.17	0.58	06/07/2011	
2-Butanone	50.0		104	125	0	83.0	120.8	15.22	06/07/2011	
2-Chlorotoluene	5.00		46.4	50.0	0	92.9	46.58	0.32	06/07/2011	
2-Hexanone	50.0		113	125	0	90.2	119.0	5.39	06/07/2011	
2-Nitropropane	50.0		629	500	0	125.8	597.3	5.15	06/07/2011	
4-Chlorotoluene	5.00		46.7	50.0	0	93.4	46.97	0.53	06/07/2011	
4-Methyl-2-pentanone	50.0		128	125	0	102.6	123.8	3.53	06/07/2011	
Acetone	50.0		94.1	125	0	75.2	127.4	30.12	06/07/2011	
Acrylonitrile	10.0		48.0	50.0	0	96.1	45.52	5.39	06/07/2011	
Allyl chloride	5.00		46.8	50.0	0	93.7	46.02	1.79	06/07/2011	
Benzene	1.00		45.8	50.0	0	91.5	45.84	0.17	06/07/2011	
Bromobenzene	5.00		50.0	50.0	0	100	49.36	1.31	06/07/2011	
Bromochloromethane	5.00		46.8	50.0	0	93.5	46.07	1.47	06/07/2011	
Bromodichloromethane	5.00		53.3	50.0	0	106.6	52.43	1.65	06/07/2011	
Bromoform	5.00		57.1	50.0	0	114.1	56.33	1.29	06/07/2011	
Bromomethane	10.0		46.3	50.0	0	92.7	45.75	1.26	06/07/2011	
Carbon disulfide	5.00		44.1	50.0	0	88.1	44.26	0.45	06/07/2011	
Carbon tetrachloride	5.00		58.1	50.0	0	116.2	58.03	0.14	06/07/2011	
Chlorobenzene	5.00		48.2	50.0	0	96.3	48.37	0.41	06/07/2011	
Chloroethane	10.0		42.1	50.0	0	84.3	41.24	2.16	06/07/2011	
Chloroform	5.00		52.1	50.0	0	104.1	51.26	1.57	06/07/2011	
Chloromethane	10.0		39.8	50.0	0	79.5	38.92	2.14	06/07/2011	
cis-1,2-Dichloroethene	5.00		48.6	50.0	0	97.1	48.17	0.83	06/07/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 16-Jun-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68779	SampType: LCSD	Units µg/Kg						RPD Limit 40		Date Analyzed
SampID: LCSD-G110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
cis-1,3-Dichloropropene	4.00		51.1	50.0	0	102.2	51.28	0.37	06/07/2011	
Cyclohexanone	100		245	250	0	98.0	243.8	0.51	06/07/2011	
Dibromochloromethane	5.00		53.9	50.0	0	107.8	53.85	0.11	06/07/2011	
Dibromomethane	5.00		52.4	50.0	0	104.8	51.93	0.94	06/07/2011	
Dichlorodifluoromethane	10.0		32.8	50.0	0	65.7	33.57	2.17	06/07/2011	
Ethyl acetate	50.0		57.2	50.0	0	114.5	51.99	9.63	06/07/2011	
Ethyl ether	5.00		48.7	50.0	0	97.5	48.59	0.31	06/07/2011	
Ethyl methacrylate	5.00		50.6	50.0	0	101.1	49.47	2.16	06/07/2011	
Ethylbenzene	5.00		46.3	50.0	0	92.5	47.14	1.86	06/07/2011	
Heptane	20.0		41.1	50.0	0	82.2	41.31	0.53	06/07/2011	
Hexachlorobutadiene	5.00		56.4	50.0	0	112.9	58.05	2.81	06/07/2011	
Hexachloroethane	5.00		50.7	50.0	0	101.5	50.37	0.73	06/07/2011	
Iodomethane	10.0		51.4	50.0	0	102.8	49.53	3.69	06/07/2011	
Isopropylbenzene	5.00		48.4	50.0	0	96.8	48.59	0.39	06/07/2011	
m,p-Xylenes	5.00		94.4	100	0	94.4	95.00	0.62	06/07/2011	
Methacrylonitrile	50.0	J	48	50.0	0	95.7	46.67	0.00	06/07/2011	
Methyl Methacrylate	5.00		54.0	50.0	0	108.0	53.42	1.06	06/07/2011	
Methyl tert-butyl ether	2.00		54.9	50.0	0	109.8	54.64	0.46	06/07/2011	
Methylacrylate	10.0		50.4	50.0	0	100.9	48.88	3.14	06/07/2011	
Methylene chloride	5.00		48.8	50.0	0	97.6	47.80	2.09	06/07/2011	
Naphthalene	10.0		53.6	50.0	0	107.1	53.13	0.82	06/07/2011	
n-Butylbenzene	5.00		44.7	50.0	0	89.4	45.45	1.62	06/07/2011	
n-Hexane	20.0		42.1	50.0	0	84.2	43.07	2.25	06/07/2011	
Nitrobenzene	100		527	500	0	105.4	501.8	4.89	06/07/2011	
n-Propylbenzene	5.00		45.3	50.0	0	90.5	45.33	0.15	06/07/2011	
o-Xylene	5.00		47.8	50.0	0	95.6	47.58	0.48	06/07/2011	
Pentachloroethane	5.00		52.8	50.0	0	105.7	53.34	0.92	06/07/2011	
p-Isopropyltoluene	5.00		48.7	50.0	0	97.5	49.32	1.18	06/07/2011	
Propionitrile	50.0		505	500	0	101.1	484.1	4.29	06/07/2011	
sec-Butylbenzene	5.00		46.1	50.0	0	92.2	46.33	0.54	06/07/2011	
Styrene	5.00		49.5	50.0	0	98.9	49.48	0.04	06/07/2011	
tert-Butylbenzene	5.00		48.0	50.0	0	96.1	48.30	0.54	06/07/2011	
Tetrachloroethene	5.00		47.5	50.0	0	95.1	49.01	3.07	06/07/2011	
Tetrahydrofuran	50.0		55.3	50.0	0	110.6	52.26	5.67	06/07/2011	
Toluene	5.00		43.9	50.0	0	87.8	43.94	0.09	06/07/2011	
trans-1,2-Dichloroethene	5.00		47.7	50.0	0	95.5	48.06	0.69	06/07/2011	
trans-1,3-Dichloropropene	4.00		50.6	50.0	0	101.3	50.76	0.24	06/07/2011	
Trichloroethene	5.00		52.5	50.0	0	105.0	52.59	0.15	06/07/2011	
Trichlorofluoromethane	5.00		51.1	50.0	0	102.1	51.34	0.55	06/07/2011	
Vinyl acetate	50.0	J	50	50.0	0	99.9	49.29	0.00	06/07/2011	
Vinyl chloride	2.00		48.7	50.0	0	97.4	48.17	1.05	06/07/2011	
Surr: 1,2-Dichloroethane-d4			56.2	50.0		112.5			06/07/2011	
Surr: 4-Bromofluorobenzene			53.6	50.0		107.3			06/07/2011	
Surr: Toluene-d8			47.6	50.0		95.2			06/07/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 16-Jun-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68779	SampType: LCS	Units µg/Kg								
SampID: LCS-G110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		52.5	50.0	0	105.1	0	200	06/07/2011	
1,1,1-Trichloroethane	5.00		55.4	50.0	0	110.8	85.8	124	06/07/2011	
1,1,2,2-Tetrachloroethane	5.00		45.4	50.0	0	90.8	0	200	06/07/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		49.2	50.0	0	98.4	0	200	06/07/2011	
1,1,2-Trichloroethane	5.00		47.8	50.0	0	95.6	0	200	06/07/2011	
1,1-Dichloro-2-propanone	50.0		139	125	0	111.4	0	200	06/07/2011	
1,1-Dichloroethane	5.00		47.0	50.0	0	94.1	0	200	06/07/2011	
1,1-Dichloroethene	5.00		48.7	50.0	0	97.3	60.1	131	06/07/2011	
1,1-Dichloropropene	5.00		48.9	50.0	0	97.7	0	200	06/07/2011	
1,2,3-Trichlorobenzene	5.00		55.5	50.0	0	111.0	0	200	06/07/2011	
1,2,3-Trichloropropane	10.0		51.2	50.0	0	102.5	0	200	06/07/2011	
1,2,3-Trimethylbenzene	5.00		49.3	50.0	0	98.6	0	200	06/07/2011	
1,2,4-Trichlorobenzene	5.00		55.4	50.0	0	110.8	0	200	06/07/2011	
1,2,4-Trimethylbenzene	5.00		48.3	50.0	0	96.6	0	200	06/07/2011	
1,2-Dibromo-3-chloropropane	5.00		52.5	50.0	0	104.9	0	200	06/07/2011	
1,2-Dibromoethane	5.00		50.9	50.0	0	101.8	86.9	119	06/07/2011	
1,2-Dichlorobenzene	5.00		49.0	50.0	0	98.1	88	119	06/07/2011	
1,2-Dichloroethane	5.00		55.5	50.0	0	111.0	73	117	06/07/2011	
1,2-Dichloropropane	5.00		45.9	50.0	0	91.8	0	200	06/07/2011	
1,3,5-Trimethylbenzene	5.00		46.8	50.0	0	93.7	0	200	06/07/2011	
1,3-Dichlorobenzene	5.00		48.8	50.0	0	97.7	85.8	125	06/07/2011	
1,3-Dichloropropane	5.00		46.8	50.0	0	93.6	0	200	06/07/2011	
1,4-Dichlorobenzene	5.00		48.2	50.0	0	96.4	84.5	124	06/07/2011	
1-Chlorobutane	5.00		44.0	50.0	0	88.0	0	200	06/07/2011	
2,2-Dichloropropane	5.00		53.2	50.0	0	106.3	0	200	06/07/2011	
2-Butanone	50.0		121	125	0	96.6	45.3	136	06/07/2011	
2-Chlorotoluene	5.00		46.6	50.0	0	93.2	0	200	06/07/2011	
2-Hexanone	50.0		119	125	0	95.2	0	200	06/07/2011	
2-Nitropropane	50.0		597	500	0	119.5	0	200	06/07/2011	
4-Chlorotoluene	5.00		47.0	50.0	0	93.9	0	200	06/07/2011	
4-Methyl-2-pentanone	50.0		124	125	0	99.0	0	200	06/07/2011	
Acetone	50.0		127	125	0	101.9	0	200	06/07/2011	
Acrylonitrile	10.0		45.5	50.0	0	91.0	0	200	06/07/2011	
Allyl chloride	5.00		46.0	50.0	0	92.0	0	200	06/07/2011	
Benzene	1.00		45.8	50.0	0	91.7	73.9	109	06/07/2011	
Bromobenzene	5.00		49.4	50.0	0	98.7	0	200	06/07/2011	
Bromochloromethane	5.00		46.1	50.0	0	92.1	0	200	06/07/2011	
Bromodichloromethane	5.00		52.4	50.0	0	104.9	91.3	126	06/07/2011	
Bromoform	5.00		56.3	50.0	0	112.7	0	200	06/07/2011	
Bromomethane	10.0		45.8	50.0	0	91.5	0	200	06/07/2011	
Carbon disulfide	5.00		44.3	50.0	0	88.5	0	200	06/07/2011	
Carbon tetrachloride	5.00		58.0	50.0	0	116.1	83.3	127	06/07/2011	
Chlorobenzene	5.00		48.4	50.0	0	96.7	85.8	116	06/07/2011	
Chloroethane	10.0		41.2	50.0	0	82.5	0	200	06/07/2011	
Chloroform	5.00		51.3	50.0	0	102.5	80	113	06/07/2011	
Chloromethane	10.0		38.9	50.0	0	77.8	0	200	06/07/2011	
cis-1,2-Dichloroethene	5.00		48.2	50.0	0	96.3	0	200	06/07/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 16-Jun-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68779	SampType: LCS	Units µg/Kg								
SampID: LCS-G110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
cis-1,3-Dichloropropene	4.00		51.3	50.0	0	102.6	0	200	06/07/2011	
Cyclohexanone	100		244	250	0	97.5	0	200	06/07/2011	
Dibromochloromethane	5.00		53.8	50.0	0	107.7	89.1	119	06/07/2011	
Dibromomethane	5.00		51.9	50.0	0	103.9	0	200	06/07/2011	
Dichlorodifluoromethane	10.0		33.6	50.0	0	67.1	0	200	06/07/2011	
Ethyl acetate	50.0		52.0	50.0	0	104.0	0	200	06/07/2011	
Ethyl ether	5.00		48.6	50.0	0	97.2	0	200	06/07/2011	
Ethyl methacrylate	5.00		49.5	50.0	0	98.9	0	200	06/07/2011	
Ethylbenzene	5.00		47.1	50.0	0	94.3	84.1	115	06/07/2011	
Heptane	20.0		41.3	50.0	0	82.6	0	200	06/07/2011	
Hexachlorobutadiene	5.00		58.0	50.0	0	116.1	0	200	06/07/2011	
Hexachloroethane	5.00		50.4	50.0	0	100.7	0	200	06/07/2011	
Iodomethane	10.0		49.5	50.0	0	99.1	0	200	06/07/2011	
Isopropylbenzene	5.00		48.6	50.0	0	97.2	0	200	06/07/2011	
m,p-Xylenes	5.00		95.0	100	0	95.0	79.1	111	06/07/2011	
Methacrylonitrile	50.0	J	47	50.0	0	93.3	0	200	06/07/2011	
Methyl Methacrylate	5.00		53.4	50.0	0	106.8	0	200	06/07/2011	
Methyl tert-butyl ether	2.00		54.6	50.0	0	109.3	80	128	06/07/2011	
Methylacrylate	10.0		48.9	50.0	0	97.8	0	200	06/07/2011	
Methylene chloride	5.00		47.8	50.0	0	95.6	73.9	116	06/07/2011	
Naphthalene	10.0		53.1	50.0	0	106.3	73.1	135	06/07/2011	
n-Butylbenzene	5.00		45.4	50.0	0	90.9	0	200	06/07/2011	
n-Hexane	20.0		43.1	50.0	0	86.1	0	200	06/07/2011	
Nitrobenzene	100		502	500	0	100.4	0	200	06/07/2011	
n-Propylbenzene	5.00		45.3	50.0	0	90.7	0	200	06/07/2011	
o-Xylene	5.00		47.6	50.0	0	95.2	82	117	06/07/2011	
Pentachloroethane	5.00		53.3	50.0	0	106.7	0	200	06/07/2011	
p-Isopropyltoluene	5.00		49.3	50.0	0	98.6	0	200	06/07/2011	
Propionitrile	50.0		484	500	0	96.8	0	200	06/07/2011	
sec-Butylbenzene	5.00		46.3	50.0	0	92.7	0	200	06/07/2011	
Styrene	5.00		49.5	50.0	0	99.0	0	200	06/07/2011	
tert-Butylbenzene	5.00		48.3	50.0	0	96.6	0	200	06/07/2011	
Tetrachloroethene	5.00		49.0	50.0	0	98.0	74.6	115	06/07/2011	
Tetrahydrofuran	50.0		52.3	50.0	0	104.5	0	200	06/07/2011	
Toluene	5.00		43.9	50.0	0	87.9	79.1	112	06/07/2011	
trans-1,2-Dichloroethene	5.00		48.1	50.0	0	96.1	0	200	06/07/2011	
trans-1,3-Dichloropropene	4.00		50.8	50.0	0	101.5	0	200	06/07/2011	
Trichloroethene	5.00		52.6	50.0	0	105.2	81	111	06/07/2011	
Trichlorofluoromethane	5.00		51.3	50.0	0	102.7	0	200	06/07/2011	
Vinyl acetate	50.0	J	49	50.0	0	98.6	0	200	06/07/2011	
Vinyl chloride	2.00		48.2	50.0	0	96.3	0	200	06/07/2011	
Surr: 1,2-Dichloroethane-d4			55.8	50.0		111.7	72.2	131	06/07/2011	
Surr: 4-Bromofluorobenzene			53.6	50.0		107.2	82.1	116	06/07/2011	
Surr: Toluene-d8			46.7	50.0		93.3	86	116	06/07/2011	



## Quality Control Results

<http://www.teklabinc.com/>

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060325

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 16-Jun-11

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68779		SampType: LCSGD		Units %REC				RPD Limit 0		Date Analyzed
SampID: LCSGD-G110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Surr: 1,2-Dichloroethane-d4			56.3	50.0		112.6			06/07/2011	
Surr: 4-Bromofluorobenzene			54.9	50.0		109.9			06/07/2011	
Surr: Toluene-d8			47.9	50.0		95.8			06/07/2011	

Batch 68779		SampType: LCSG		Units %REC				RPD Limit 0		Date Analyzed
SampID: LCSG-G110607-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 1,2-Dichloroethane-d4			54.9	50.0		109.7	61	128	06/07/2011	
Surr: 4-Bromofluorobenzene			54.9	50.0		109.9	78.2	117	06/07/2011	
Surr: Toluene-d8			47.2	50.0		94.5	80.1	122	06/07/2011	



# Receiving Check List

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 11060325

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 16-Jun-11

Carrier: Sean Spinner

Received By: TWM

Completed by:

Reviewed by:

On:

07-Jun-11

Dawn Brantley

On:

07-Jun-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 4.6
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.



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** 10025

Project Name: Champaign MGP Project Mgr.: P. Szaryna

Project Number: 624-0908-012 Cost Code: J0002

Sampler(s): FORH  
Laboratory Name: Fzkbb, Inc.  
Location: Collinsville, IL

Sample Number and (depth)	Date	Time	Matrix			
			Soil	Water	Air	Wipes
P9-DEI-S-F(24)	6/7/11	0900	X			
P9-EI-W(3)		0910	X			
P9-EI-W(8)		0920	X			
P9-DI-W(3)		0940	X			
P9-DI-W(8)		0950	X			

6773T 060711

Analyses by Method Name and Number	Total Number of Containers	Matrix									
		VOC (8260)	SVOC (8270)	TPH (82705M)	KRA Metals	CN - total	TPH (042)	BOD	PH	TSS	BTK (8260)
	9	X	X	X	X	X	X	X	X	X	X
	9	X	X	X	X	X	X	X	X	X	X
	9	X	X	X	X	X	X	X	X	X	X
	9	X	X	X	X	X	X	X	X	X	X
	9	X	X	X	X	X	X	X	X	X	X
	7	X	X	X	X	X	X	X	X	X	X

Laboratory Temperature upon receipt  
4.0

Comments (Field PID) \*RUSH\*  
Lab ID #s 11060325

1 DAY  
002 06/11  
003  
004

teklab, inc.  
Courier Pickup

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. Szaryna / L. Hensler  
Send Invoice to: B. Martin  
QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other  
Special Guidelines:  
Reporting Limits: IL TACO JAC 740742  
\* Special:

Shipping: Carrier / Airbill No. \_\_\_\_\_

Reinquinished by: Nick Duffin Signature  
Date: 6/7/11 1105 Time  
Date: 6/7/11 1500 Time

Received by: \_\_\_\_\_ Signature  
Date: 6/7/11 1105 Time  
Date: 6-7-11 1500 Time

Distribution:  WHITE to Lab  CANARY to PM  PINK to QA/QC  
 PE-179 (6/03)  GREEN to Sampler

Shaded Areas to be Completed by Lab



June 15, 2011

Pete Sazama  
PSC Industrial Outsourcing, LP  
210 West Sand Bank Road  
Columbia, IL 62236-0230  
TEL: (618) 281-7173  
FAX: (618) 281-5120



**RE:** A831-735002-012901-225Ameren Champaign  
62409080120

**WorkOrder:** 11060557

Dear Pete Sazama:

TEKLAB, INC received 1 sample on 6/10/2011 4:12:00 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:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Jun-11

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**This reporting package includes the following:**

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Report Contents	2
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Laboratory Results	5
Sample Summary	10
Dates Report	11
Quality Control Results	12
Receiving Check List	36
Chain of Custody	Appended

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Jun-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:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Jun-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

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		4/30/2012	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: 11060557

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Jun-11

Lab ID: 11060557-001

Client Sample ID: P9-DE 1.5-F 26

Matrix: SOLID

Collection Date: 06/10/2011 12:00

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	06/13/2011 9:00	R150701
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.4	%	1	06/13/2011 9:00	R150655
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.559		< 0.559	mg/Kg-dry	1	06/13/2011 9:37	R150687
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	S	< 0.56	mg/Kg-dry	1	06/14/2011 14:32	R150773
<i>Matrix spike did not recover due to spiking error. Sample results verified by reanalysis.</i>								
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		5.53	mg/Kg-dry	1	06/14/2011 6:18	68911
Barium	NELAP	0.50		18.3	mg/Kg-dry	1	06/14/2011 6:18	68911
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	06/14/2011 6:18	68911
Chromium	NELAP	1.00		15.3	mg/Kg-dry	1	06/14/2011 6:18	68911
Lead	NELAP	4.00		9.23	mg/Kg-dry	1	06/14/2011 6:18	68911
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	06/14/2011 6:18	68911
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	06/13/2011 16:39	68905
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	06/13/2011 11:40	68856
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.59		7.17	mg/Kg-dry	1	06/13/2011 14:21	68901
Kerosene	NELAP	5.59		ND	mg/Kg-dry	1	06/13/2011 14:21	68901
Mineral Spirits	NELAP	5.59		ND	mg/Kg-dry	1	06/13/2011 14:21	68901
Motor Oil	NELAP	5.59		ND	mg/Kg-dry	1	06/13/2011 14:21	68901
Surr: n-Tetracontane		50.6-140		89.2	%REC	1	06/13/2011 14:21	68901
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/13/2011 15:47	68879
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/13/2011 15:47	68879
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/13/2011 15:47	68879
Benzo(a)anthracene	NELAP	0.004	J	0.004	mg/Kg-dry	1	06/13/2011 15:47	68879
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/13/2011 15:47	68879
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/13/2011 15:47	68879
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/13/2011 15:47	68879
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/13/2011 15:47	68879
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	06/13/2011 15:47	68879
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/13/2011 15:47	68879
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/13/2011 15:47	68879
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/13/2011 15:47	68879
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/13/2011 15:47	68879
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/13/2011 15:47	68879
Naphthalene	NELAP	0.004		0.015	mg/Kg-dry	1	06/13/2011 15:47	68879
Phenanthrene	NELAP	0.004		0.011	mg/Kg-dry	1	06/13/2011 15:47	68879
Pyrene	NELAP	0.004		0.004	mg/Kg-dry	1	06/13/2011 15:47	68879
Surr: 2-Fluorobiphenyl		10-131		72.7	%REC	1	06/13/2011 15:47	68879
Surr: Nitrobenzene-d5		10-132		70.0	%REC	1	06/13/2011 15:47	68879
Surr: p-Terphenyl-d14		80.2-138	S	76.8	%REC	1	06/13/2011 15:47	68879

Client: PSC Industrial Outsourcing, LP

Work Order: 11060557

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Jun-11

Lab ID: 11060557-001

Client Sample ID: P9-DE 1.5-F 26

Matrix: SOLID

Collection Date: 06/10/2011 12:00

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>Surrogate recovery was outside QC limits due to matrix interference.</i>								
<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	06/13/2011 12:25	68860
1,2-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
1,3-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
1,4-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
2,4,5-Trichlorophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
2,4,6-Trichlorophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
2,4-Dichlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
2,4-Dimethylphenol	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
2,4-Dinitrotoluene	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
2,6-Dinitrotoluene	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
2-Chloronaphthalene	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
2-Chlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
2-Methoxy-4-methylphenol		0.727		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
2-Methylnaphthalene	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
2-Nitrophenol	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
3,3'-Dichlorobenzidine	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
4-Bromophenyl phenyl ether	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
4-Chloro-3-methylphenol	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
4-Chloroaniline	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
4-Chlorophenyl phenyl ether	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
4-Nitroaniline	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
4-Nitrophenol	NELAP	0.391	S	ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Aniline	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Azobenzene		0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Benzidine	NELAP	1.18		see note	mg/Kg-dry	1	06/13/2011 12:25	68860
Benzoic acid	NELAP	1.68		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Benzyl alcohol	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Bis(2-chloroethoxy)methane	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Bis(2-chloroethyl)ether	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Bis(2-chloroisopropyl)ether	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Butyl benzyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Carbazole		0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Dibenzofuran	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Diethyl phthalate	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Dimethyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Di-n-butyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Di-n-octyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Hexachlorobenzene	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Hexachlorobutadiene	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Hexachlorocyclopentadiene	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Hexachloroethane	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860

Client: PSC Industrial Outsourcing, LP

Work Order: 11060557

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Jun-11

Lab ID: 11060557-001

Client Sample ID: P9-DE 1.5-F 26

Matrix: SOLID

Collection Date: 06/10/2011 12:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Isophorone	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
m,p-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Nitrobenzene	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
N-Nitrosodimethylamine	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
N-Nitroso-di-n-propylamine	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
N-Nitrosodiphenylamine	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
o-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Pentachlorophenol	NELAP	2.24		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Phenol	NELAP	0.391		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Pyridine	NELAP	0.559		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
1,2-Diphenylhydrazine		0.939		ND	mg/Kg-dry	1	06/13/2011 12:25	68860
Surr: 2,4,6-Tribromophenol		32.7-130		61.9	%REC	1	06/13/2011 12:25	68860
Surr: 2-Fluorobiphenyl		34.1-116		67.1	%REC	1	06/13/2011 12:25	68860
Surr: 2-Fluorophenol		30.5-99		61.0	%REC	1	06/13/2011 12:25	68860
Surr: Nitrobenzene-d5		34.1-101		67.4	%REC	1	06/13/2011 12:25	68860
Surr: Phenol-d5		34.9-110		59.6	%REC	1	06/13/2011 12:25	68860
Surr: p-Terphenyl-d14		41.7-124		76.3	%REC	1	06/13/2011 12:25	68860

Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.

4-Nitrophenol was outside the upper QC limits in the LCS, MS and MSD. Sample was ND.

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

1,1,1,2-Tetrachloroethane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,1,1-Trichloroethane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,1,2,2-Tetrachloroethane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,1,2-Trichloro-1,2,2-trifluoroethane		4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,1,2-Trichloroethane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,1-Dichloro-2-propanone		41.5		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,1-Dichloroethane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,1-Dichloroethene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,1-Dichloropropene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,2,3-Trichlorobenzene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,2,3-Trichloropropane	NELAP	8.31		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,2,3-Trimethylbenzene		4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,2,4-Trichlorobenzene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,2,4-Trimethylbenzene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,2-Dibromo-3-chloropropane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,2-Dibromoethane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,2-Dichlorobenzene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,2-Dichloroethane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,2-Dichloropropane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,3,5-Trimethylbenzene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,3-Dichlorobenzene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,3-Dichloropropane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1,4-Dichlorobenzene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
1-Chlorobutane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
2,2-Dichloropropane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
2-Butanone	NELAP	41.5		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
2-Chlorotoluene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884

Client: PSC Industrial Outsourcing, LP

Work Order: 11060557

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Jun-11

Lab ID: 11060557-001

Client Sample ID: P9-DE 1.5-F 26

Matrix: SOLID

Collection Date: 06/10/2011 12:00

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	41.5		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
2-Nitropropane	NELAP	41.5		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
4-Chlorotoluene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
4-Methyl-2-pentanone	NELAP	41.5		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Acetone	NELAP	41.5		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Acetonitrile	NELAP	83.1		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Acrolein	NELAP	83.1		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Acrylonitrile	NELAP	8.31		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Allyl chloride	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Benzene	NELAP	0.831		1.16	µg/Kg-dry	1	06/10/2011 21:08	68884
Bromobenzene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Bromochloromethane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Bromodichloromethane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Bromoform	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Bromomethane	NELAP	8.31		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Carbon disulfide	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Carbon tetrachloride	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Chlorobenzene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Chloroethane	NELAP	8.31		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Chloroform	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Chloromethane	NELAP	8.31		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
cis-1,2-Dichloroethene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
cis-1,3-Dichloropropene	NELAP	3.32		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Cyclohexanone		83.1		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Dibromochloromethane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Dibromomethane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Dichlorodifluoromethane	NELAP	8.31		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Ethyl acetate	NELAP	41.5		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Ethyl ether	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Ethyl methacrylate	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Ethylbenzene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Gasoline Range Organics (OA-1)		800	J	770	µg/Kg-dry	1	06/13/2011 12:49	68912
Heptane		16.6		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Hexachlorobutadiene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Hexachloroethane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Iodomethane	NELAP	8.31		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Isopropylbenzene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
m,p-Xylenes	NELAP	4.15	J	0.94	µg/Kg-dry	1	06/10/2011 21:08	68884
Methacrylonitrile	NELAP	41.5		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Methyl Methacrylate	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Methyl tert-butyl ether	NELAP	1.66		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Methylacrylate		8.31		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Methylene chloride	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Naphthalene	NELAP	8.31		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
n-Butylbenzene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
n-Hexane		16.6	J	3.5	µg/Kg-dry	1	06/10/2011 21:08	68884
Nitrobenzene	NELAP	83.1		ND	µg/Kg-dry	1	06/10/2011 21:08	68884



Client: PSC Industrial Outsourcing, LP

Work Order: 11060557

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Jun-11

Lab ID: 11060557-001

Client Sample ID: P9-DE 1.5-F 26

Matrix: SOLID

Collection Date: 06/10/2011 12:00

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	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
o-Xylene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Pentachloroethane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
p-Isopropyltoluene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Propionitrile	NELAP	41.5		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
sec-Butylbenzene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Styrene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
tert-Butylbenzene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Tetrachloroethene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Tetrahydrofuran	NELAP	41.5		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Toluene	NELAP	4.15	J	2.0	µg/Kg-dry	1	06/10/2011 21:08	68884
trans-1,2-Dichloroethene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
trans-1,3-Dichloropropene	NELAP	3.32		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
trans-1,4-Dichloro-2-butene	NELAP	8.31		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Trichloroethene	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Trichlorofluoromethane	NELAP	4.15		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Vinyl acetate	NELAP	41.5		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Vinyl chloride	NELAP	1.66		ND	µg/Kg-dry	1	06/10/2011 21:08	68884
Xylenes, Total	NELAP	4.15	J	0.94	µg/Kg-dry	1	06/10/2011 21:08	68884
Surr: 1,2-Dichloroethane-d4		72.2-131	S	70.3	%REC	1	06/10/2011 21:08	68884
Surr: 4-Bromofluorobenzene		82.1-116		94.7	%REC	1	06/10/2011 21:08	68884
Surr: Dibromofluoromethane		77.7-120		96.8	%REC	1	06/10/2011 21:08	68884
Surr: Toluene-d8		86-116		111.8	%REC	1	06/10/2011 21:08	68884

Surrogate and/or internal standard recovery was outside QC limits due to matrix interference.



## Sample Summary

<http://www.teklabinc.com/>

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Jun-11

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Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11060557-001	P9-DE 1.5-F 26	Solid	4	06/10/2011 12:00

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## Dates Report

<http://www.teklabinc.com/>

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11060557-001A	P9-DE 1.5-F 26	06/10/2011 12:00	6/10/2011 4:12:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			06/13/2011 9:00
	Standard Methods 18th Ed. 2540 G			06/13/2011 9:00
	SW-846 3050B, 6010B, Metals by ICP		06/13/2011 14:44	06/14/2011 6:18
	SW-846 3050B, Metals by GFAA		06/13/2011 11:49	06/13/2011 16:39
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		06/13/2011 10:10	06/13/2011 14:21
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/10/2011 22:54	06/13/2011 15:47
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		06/10/2011 22:56	06/13/2011 12:25
	SW-846 7471A		06/13/2011 10:22	06/13/2011 11:40
	SW-846 9012A			06/13/2011 9:37
	SW-846 9012A (Total)			06/14/2011 14:32
11060557-001D	P9-DE 1.5-F 26	06/10/2011 12:00	6/10/2011 4:12:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/10/2011 21:08
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/13/2011 12:49



## Quality Control Results

<http://www.teklabinc.com/>

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Jun-11

### STANDARD METHODS 18TH ED. 2540 G

Batch R150655		SampType: LCS		Units %						
SampID: LCS-R150655										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Solids	0.1		1.0	1.0	0	100	90	110	06/13/2011	

Batch R150655		SampType: LCSQC		Units %						
SampID: LCSQC-R150655										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Solids	0.1		1.0	1.0	0	100	90	110	06/13/2011	

Batch R150655		SampType: DUP		Units %		RPD Limit 15				
SampID: 11060557-001ADUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Solids	0.1		89.1				89.41	0.37	06/13/2011	

### SW-846 9012A (TOTAL)

Batch R150773		SampType: MBLK		Units mg/Kg						
SampID: MB-R150773										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		< 0.01						06/14/2011	

Batch R150773		SampType: LCS		Units mg/Kg						
SampID: LCS-R150773										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		0.02	0.02	0	85.9	85	115	06/14/2011	
Cyanide	0.01	S	0.02	0.02	0	82.3	85	115	06/14/2011	

Batch R150773		SampType: MS		Units mg/Kg-dry						
SampID: 11060557-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.56	S	< 0.56	1.40	0	0	75	125	06/14/2011	

Batch R150773		SampType: MSD		Units mg/Kg-dry		RPD Limit 15				
SampID: 11060557-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide	0.58	S	< 0.58	1.40	0	0	0	0.00	06/14/2011	

### SW-846 3050B, 6010B, METALS BY ICP

Batch 68911		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-68911										
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	06/14/2011	
Barium	0.50		< 0.50	0.50	0	0	-100	100	06/14/2011	
Cadmium	0.20		< 0.20	0.20	0	0	-100	100	06/14/2011	
Chromium	1.00		< 1.00	1.00	0	0	-100	100	06/14/2011	
Lead	4.00		< 4.00	4.00	0	0	-100	100	06/14/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Jun-11

**SW-846 3050B, 6010B, METALS BY ICP**

Batch 68911		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
SampID: MB-68911										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Silver	0.55		< 0.55	0.55	0	0	-100	100	06/14/2011	

Batch 68911		SampType: LCS		Units mg/Kg-dry						Date Analyzed
SampID: LCS-68911										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic	2.50		194	200	0	97.2	85	115	06/14/2011	
Barium	0.50		196	200	0	98.0	85	115	06/14/2011	
Cadmium	0.20		4.75	5.00	0	95.0	85	115	06/14/2011	
Chromium	1.00		19.7	20.0	0	98.5	85	115	06/14/2011	
Lead	4.00		48.0	50.0	0	96.0	85	115	06/14/2011	
Silver	0.55		4.89	5.00	0	97.8	85	115	06/14/2011	

Batch 68911		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11060557-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic	2.50		188	200	5.530	91.3	75	125	06/14/2011	
Barium	0.50		197	200	18.28	89.6	75	125	06/14/2011	
Cadmium	0.20		4.11	5.00	0	82.2	75	125	06/14/2011	
Chromium	1.00		33.2	20.0	15.33	89.5	75	125	06/14/2011	
Lead	4.00		49.6	50.0	9.230	80.7	75	125	06/14/2011	
Silver	0.55		4.55	5.00	0	91.0	75	125	06/14/2011	

Batch 68911		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11060557-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Arsenic	2.50		188	200	5.530	91.5	188.2	0.16	06/14/2011	
Barium	0.50		198	200	18.28	90.1	197.4	0.56	06/14/2011	
Cadmium	0.20		4.11	5.00	0	82.2	4.110	0.00	06/14/2011	
Chromium	1.00		34.0	20.0	15.33	93.4	33.23	2.32	06/14/2011	
Lead	4.00		51.2	50.0	9.230	83.9	49.57	3.18	06/14/2011	
Silver	0.55		4.52	5.00	0	90.4	4.550	0.66	06/14/2011	

**SW-846 3050B, METALS BY GFAA**

Batch 68905		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
SampID: MB-68905										
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	06/13/2011	

Batch 68905		SampType: LCS		Units mg/Kg-dry						Date Analyzed
SampID: LCS-68905										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	3.00	3.00	0	99.9	80	120	06/13/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

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**SW-846 3050B, METALS BY GFAA**

Batch 68905		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	2.17	3.00	0	72.4	70	130	06/13/2011	

Batch 68905		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	0.600	2.29	3.00	0	76.3	2.173	5.23	06/13/2011	

**SW-846 7471A**

Batch 68856		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	06/13/2011	

Batch 68856		SampType: LCS		Units mg/Kg						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.010		0.257	0.250	0	102.8	85	115	06/13/2011	

Batch 68856		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.011		0.296	0.273	0.006547	106.2	75	125	06/13/2011	

Batch 68856		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		0.288	0.273	0.006547	103.2	0.2963	2.80	06/13/2011	

**SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID**

Batch 68901		SampType: MBLK		Units mg/Kg						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Diesel	5.00		ND						06/13/2011	
Kerosene	5.00		ND						06/13/2011	
Mineral Spirits	5.00		ND						06/13/2011	
Motor Oil	5.00		ND						06/13/2011	
Surr: n-Tetracontane			0.58	0.67		86.3	54.8	128	06/13/2011	

Batch 68901		SampType: LCS		Units mg/Kg						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Diesel	5.00		14.9	16.7	0	89.5	40.4	121	06/13/2011	
Surr: n-Tetracontane			0.58	0.67		86.3	54.8	128	06/13/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

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**SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID**

Batch 68901		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-68901										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		

Batch 68901		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11060557-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Diesel	5.59		<b>19.8</b>	18.7	7.172	67.5	20.3	167	06/13/2011	
Surr: n-Tetracontane			<b>0.68</b>	0.75		91.4	53.9	153	06/13/2011	

Batch 68901		SampType: MSD		Units mg/Kg-dry						RPD Limit 34	Date Analyzed
SampID: 11060557-001AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Diesel	5.59		<b>16.4</b>	18.7	7.172	49.4	19.77	18.66	06/13/2011		
Surr: n-Tetracontane			<b>0.57</b>	0.75		76.6			06/13/2011		

**SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 68860		SampType: MBLK		Units %REC						Date Analyzed
SampID: MB-68860										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 2-Fluorobiphenyl			<b>0.547</b>	0.835		65.5	46.3	106	06/13/2011	
Surr: p-Terphenyl-d14			<b>0.690</b>	0.835		82.6	45.5	115	06/13/2011	

Batch 68860		SampType: LCS		Units %REC						Date Analyzed
SampID: LCS-68860										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 2-Fluorobiphenyl			<b>0.604</b>	0.835		72.3	46.3	106	06/13/2011	
Surr: p-Terphenyl-d14			<b>0.714</b>	0.835		85.6	45.5	115	06/13/2011	

Batch 68860		SampType: LCS		Units %REC						Date Analyzed
SampID: LCSDRO-68860										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 2-Fluorobiphenyl			<b>0.582</b>	0.835		69.6	46.3	106	06/13/2011	
Surr: p-Terphenyl-d14			<b>0.724</b>	0.835		86.7	45.5	115	06/13/2011	

Batch 68879		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68879										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.003		<b>ND</b>						06/13/2011	
Acenaphthylene	0.003		<b>ND</b>						06/13/2011	
Anthracene	0.003		<b>ND</b>						06/13/2011	
Benzo(a)anthracene	0.003		<b>ND</b>						06/13/2011	
Benzo(a)pyrene	0.003		<b>ND</b>						06/13/2011	
Benzo(b)fluoranthene	0.003		<b>ND</b>						06/13/2011	
Benzo(g,h,i)perylene	0.003		<b>ND</b>						06/13/2011	
Benzo(k)fluoranthene	0.003		<b>ND</b>						06/13/2011	
Bis(2-ethylhexyl)phthalate	0.067		<b>ND</b>						06/13/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060557

**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 68879**      **SampType: MBLK**      Units **mg/Kg**

SampID: MB-68879

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chrysene	0.003		ND						06/13/2011
Dibenzo(a,h)anthracene	0.003		ND						06/13/2011
Fluoranthene	0.003		ND						06/13/2011
Fluorene	0.003		ND						06/13/2011
Indeno(1,2,3-cd)pyrene	0.003		ND						06/13/2011
Naphthalene	0.003		ND						06/13/2011
Phenanthrene	0.003		ND						06/13/2011
Pyrene	0.003		ND						06/13/2011
Surr: 2-Fluorobiphenyl			0.130	0.167		77.8	45.7	89.2	06/13/2011
Surr: Nitrobenzene-d5			0.126	0.167		75.2	31.4	100	06/13/2011
Surr: p-Terphenyl-d14			0.118	0.167		70.5	53.3	124	06/13/2011

**Batch 68879**      **SampType: LCS**      Units **mg/Kg**

SampID: LCS-68879

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.003		0.117	0.167	0	70.1	56.3	115	06/13/2011
Acenaphthylene	0.003		0.122	0.167	0	72.9	60.3	143	06/13/2011
Anthracene	0.003		0.123	0.167	0	73.5	52.1	109	06/13/2011
Benzo(a)anthracene	0.003		0.117	0.167	0	70.3	52.8	112	06/13/2011
Benzo(a)pyrene	0.003		0.125	0.167	0	74.9	40.8	127	06/13/2011
Benzo(b)fluoranthene	0.003		0.135	0.167	0	81.0	50.1	150	06/13/2011
Benzo(g,h,i)perylene	0.003		0.135	0.167	0	81.0	52.8	145	06/13/2011
Benzo(k)fluoranthene	0.003		0.136	0.167	0	81.6	52	153	06/13/2011
Bis(2-ethylhexyl)phthalate	0.067		0.173	0.167	0	103.4	50	150	06/13/2011
Chrysene	0.003		0.131	0.167	0	78.2	60.8	128	06/13/2011
Dibenzo(a,h)anthracene	0.003		0.147	0.167	0	88.2	54.9	150	06/13/2011
Fluoranthene	0.003		0.133	0.167	0	79.8	58.7	125	06/13/2011
Fluorene	0.003		0.124	0.167	0	74.3	57.8	125	06/13/2011
Indeno(1,2,3-cd)pyrene	0.003		0.131	0.167	0	78.4	52	147	06/13/2011
Naphthalene	0.003		0.112	0.167	0	66.9	54.8	113	06/13/2011
Phenanthrene	0.003		0.123	0.167	0	73.7	60.4	121	06/13/2011
Pyrene	0.003		0.132	0.167	0	78.8	57.9	129	06/13/2011
Surr: 2-Fluorobiphenyl			0.127	0.167		76.0	45.7	89.2	06/13/2011
Surr: Nitrobenzene-d5			0.125	0.167		74.7	31.4	100	06/13/2011
Surr: p-Terphenyl-d14			0.124	0.167		74.5	53.3	124	06/13/2011

**Batch 68879**      **SampType: MS**      Units **mg/Kg-dry**

SampID: 11060557-001AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.004		0.137	0.187	0	73.5	36	135	06/13/2011
Acenaphthylene	0.004		0.143	0.187	0	76.4	17.2	167	06/13/2011
Anthracene	0.004		0.150	0.187	0	80.4	39.3	124	06/13/2011
Benzo(a)anthracene	0.004		0.142	0.187	0.003728	74.1	10	183	06/13/2011
Benzo(a)pyrene	0.004		0.155	0.187	0	83.2	10	204	06/13/2011
Benzo(b)fluoranthene	0.004		0.156	0.187	0	83.8	10.6	178	06/13/2011
Benzo(g,h,i)perylene	0.004		0.160	0.187	0	85.8	10	168	06/13/2011



Client: PSC Industrial Outsourcing, LP

Work Order: 11060557

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### SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68879		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11060557-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzo(k)fluoranthene	0.004		0.158	0.187	0	84.8	27.6	181	06/13/2011	
Bis(2-ethylhexyl)phthalate	0.075		0.174	0.187	0	93.2	50	150	06/13/2011	
Chrysene	0.004		0.155	0.187	0	83.2	10	176	06/13/2011	
Dibenzo(a,h)anthracene	0.004		0.163	0.187	0	87.2	12.2	156	06/13/2011	
Fluoranthene	0.004		0.156	0.187	0	83.6	10	227	06/13/2011	
Fluorene	0.004		0.145	0.187	0	77.6	35.2	148	06/13/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.163	0.187	0	87.2	10	164	06/13/2011	
Naphthalene	0.004		0.134	0.187	0.01529	63.5	14.7	128	06/13/2011	
Phenanthrene	0.004		0.151	0.187	0.01118	74.8	32.8	143	06/13/2011	
Pyrene	0.004		0.156	0.187	0.004474	81.4	10	180	06/13/2011	
Surr: 2-Fluorobiphenyl			0.124	0.187		66.3	10	131	06/13/2011	
Surr: Nitrobenzene-d5			0.127	0.187		68.1	10	132	06/13/2011	
Surr: p-Terphenyl-d14			0.139	0.187		74.7	30.6	131	06/13/2011	

Batch 68879		SampType: MSD		Units mg/Kg-dry				RPD Limit 49.7		Date Analyzed
SampID: 11060557-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Acenaphthene	0.004		0.122	0.187	0	65.5	0.1371	11.46	06/13/2011	
Acenaphthylene	0.004		0.127	0.187	0	68.1	0.1427	11.57	06/13/2011	
Anthracene	0.004		0.135	0.187	0	72.3	0.1501	10.69	06/13/2011	
Benzo(a)anthracene	0.004		0.134	0.187	0.003728	69.9	0.1419	5.63	06/13/2011	
Benzo(a)pyrene	0.004		0.148	0.187	0	79.2	0.1554	4.88	06/13/2011	
Benzo(b)fluoranthene	0.004		0.151	0.187	0	81.0	0.1565	3.36	06/13/2011	
Benzo(g,h,i)perylene	0.004		0.150	0.187	0	80.4	0.1602	6.45	06/13/2011	
Benzo(k)fluoranthene	0.004		0.156	0.187	0	83.6	0.1583	1.39	06/13/2011	
Bis(2-ethylhexyl)phthalate	0.075		0.191	0.187	0	102.2	0.1740	9.23	06/13/2011	
Chrysene	0.004		0.146	0.187	0	78.4	0.1554	5.89	06/13/2011	
Dibenzo(a,h)anthracene	0.004		0.153	0.187	0	82.0	0.1628	6.10	06/13/2011	
Fluoranthene	0.004		0.142	0.187	0	76.0	0.1561	9.47	06/13/2011	
Fluorene	0.004		0.132	0.187	0	70.7	0.1449	9.39	06/13/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.155	0.187	0	83.0	0.1628	4.89	06/13/2011	
Naphthalene	0.004		0.116	0.187	0.01529	53.9	0.1338	14.30	06/13/2011	
Phenanthrene	0.004		0.133	0.187	0.01118	65.5	0.1509	12.29	06/13/2011	
Pyrene	0.004		0.142	0.187	0.004474	73.5	0.1565	9.97	06/13/2011	
Surr: 2-Fluorobiphenyl			0.094	0.187		50.1			06/13/2011	
Surr: Nitrobenzene-d5			0.103	0.187		55.3			06/13/2011	
Surr: p-Terphenyl-d14			0.119	0.187		63.9			06/13/2011	

### SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68860		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68860										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,2,4-Trichlorobenzene	0.500		ND						06/13/2011	
1,2-Dichlorobenzene	0.500		ND						06/13/2011	
1,3-Dichlorobenzene	0.500		ND						06/13/2011	
1,4-Dichlorobenzene	0.500		ND						06/13/2011	

Client: PSC Industrial Outsourcing, LP

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Report Date: 15-Jun-11

## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68860

SampType: MBLK

Units mg/Kg

SampID: MB-68860

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
2,4,5-Trichlorophenol	0.350		ND						06/13/2011
2,4,6-Trichlorophenol	0.350		ND						06/13/2011
2,4-Dichlorophenol	0.500		ND						06/13/2011
2,4-Dimethylphenol	0.500		ND						06/13/2011
2,4-Dinitrophenol	1.00		ND						06/13/2011
2,4-Dinitrotoluene	0.350		ND						06/13/2011
2,6-Dinitrotoluene	0.350		ND						06/13/2011
2-Chloronaphthalene	0.350		ND						06/13/2011
2-Chlorophenol	0.500		ND						06/13/2011
2-Methoxy-4-methylphenol	0.650		ND						06/13/2011
2-Methylnaphthalene	0.350		ND						06/13/2011
2-Nitroaniline	1.00		ND						06/13/2011
2-Nitrophenol	0.350		ND						06/13/2011
3,3'-Dichlorobenzidine	0.350		ND						06/13/2011
3-Nitroaniline	1.00		ND						06/13/2011
4,6-Dinitro-2-methylphenol	1.00		ND						06/13/2011
4-Bromophenyl phenyl ether	0.350		ND						06/13/2011
4-Chloro-3-methylphenol	0.500		ND						06/13/2011
4-Chloroaniline	0.500		ND						06/13/2011
4-Chlorophenyl phenyl ether	0.350		ND						06/13/2011
4-Nitroaniline	0.500		ND						06/13/2011
4-Nitrophenol	0.350		ND						06/13/2011
Aniline	0.500		ND						06/13/2011
Azobenzene	0.350		ND						06/13/2011
Benzidine	1.06		ND						06/13/2011
Benzoic acid	1.50		ND						06/13/2011
Benzyl alcohol	0.500		ND						06/13/2011
Bis(2-chloroethoxy)methane	0.350		ND						06/13/2011
Bis(2-chloroethyl)ether	0.500		ND						06/13/2011
Bis(2-chloroisopropyl)ether	0.350		ND						06/13/2011
Butyl benzyl phthalate	0.350		ND						06/13/2011
Carbazole	0.500		ND						06/13/2011
Dibenzofuran	0.350		ND						06/13/2011
Diethyl phthalate	0.500		ND						06/13/2011
Dimethyl phthalate	0.350		ND						06/13/2011
Di-n-butyl phthalate	0.350		ND						06/13/2011
Di-n-octyl phthalate	0.350		ND						06/13/2011
Hexachlorobenzene	0.350		ND						06/13/2011
Hexachlorobutadiene	0.500		ND						06/13/2011
Hexachlorocyclopentadiene	0.350		ND						06/13/2011
Hexachloroethane	0.500		ND						06/13/2011
Isophorone	0.350		ND						06/13/2011
m,p-Cresol	0.500		ND						06/13/2011
Nitrobenzene	0.500		ND						06/13/2011
N-Nitrosodimethylamine	0.500		ND						06/13/2011
N-Nitroso-di-n-propylamine	0.500		ND						06/13/2011
N-Nitrosodiphenylamine	0.500		ND						06/13/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Jun-11

**SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 68860		SampType: MBLK		Units mg/Kg					
SampID: MB-68860									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
o-Cresol	0.500		ND						06/13/2011
Pentachlorophenol	2.00		ND						06/13/2011
Phenol	0.350		ND						06/13/2011
Pyridine	0.500		ND						06/13/2011
1,2-Diphenylhydrazine	0.840		ND						06/13/2011
Surr: 2,4,6-Tribromophenol			1.41	1.67		84.2	52.1	113	06/13/2011
Surr: 2-Fluorobiphenyl			0.687	0.835		82.3	46.3	106	06/13/2011
Surr: 2-Fluorophenol			1.15	1.67		69.0	50.6	89	06/13/2011
Surr: Nitrobenzene-d5			0.580	0.835		69.4	42.4	99.2	06/13/2011
Surr: Nitrobenzene-d5			0.643	0.835		77.0	42.4	99.2	06/13/2011
Surr: Phenol-d5			1.17	1.67		70.0	55.9	98.5	06/13/2011
Surr: p-Terphenyl-d14			0.763	0.835		91.4	45.5	115	06/13/2011

Batch 68860		SampType: LCS		Units mg/Kg					
SampID: LCS-68860									
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	80.4	43.9	92.2	06/13/2011
1,4-Dichlorobenzene	0.500		1.23	1.67	0	73.7	43.8	84.1	06/13/2011
2,4,5-Trichlorophenol	0.350		3.01	3.33	0	90.5	38.6	123	06/13/2011
2,4,6-Trichlorophenol	0.350		3.25	3.33	0	97.6	35.9	123	06/13/2011
2,4-Dimethylphenol	0.500		2.84	3.33	0	85.3	38.3	88	06/13/2011
2,4-Dinitrophenol	1.00		3.31	3.33	0	99.3	1.88	162	06/13/2011
2,4-Dinitrotoluene	0.350		1.43	1.67	0	85.5	48.6	102	06/13/2011
2-Chlorophenol	0.500		2.60	3.33	0	78.0	46.6	84	06/13/2011
4-Chloro-3-methylphenol	0.500		3.16	3.33	0	94.9	51.5	94.9	06/13/2011
4-Nitrophenol	0.350	SE	5.50	3.33	0	165.0	53.2	104	06/13/2011
Diethyl phthalate	0.500		3.15	3.33	0	94.6	51.7	106	06/13/2011
Dimethyl phthalate	0.350		2.93	3.33	0	88.0	58.8	104	06/13/2011
Di-n-butyl phthalate	0.350		1.53	1.67	0	91.7	54.3	105	06/13/2011
Hexachlorobenzene	0.350		3.15	3.33	0	94.5	55.9	106	06/13/2011
Hexachlorobutadiene	0.500		3.07	3.33	0	92.3	35.7	100	06/13/2011
Hexachloroethane	0.500		2.73	3.33	0	81.9	38.9	89.9	06/13/2011
m,p-Cresol	0.500		1.30	1.67	0	77.9	37.6	93.7	06/13/2011
Nitrobenzene	0.500		2.61	3.33	0	78.5	51.8	104	06/13/2011
N-Nitroso-di-n-propylamine	0.500		1.21	1.67	0	72.2	49.1	94.5	06/13/2011
o-Cresol	0.500		1.28	1.67	0	76.5	43	101	06/13/2011
Pentachlorophenol	2.00		2.84	3.33	0	85.3	42.2	102	06/13/2011
Phenol	0.350		2.42	3.33	0	72.6	41.6	81.3	06/13/2011
Pyridine	0.500		1.68	3.33	0	50.5	3.61	74.3	06/13/2011
Surr: 2,4,6-Tribromophenol			1.43	1.67		85.8	52.1	113	06/13/2011
Surr: 2-Fluorobiphenyl			0.634	0.835		75.9	46.3	106	06/13/2011
Surr: 2-Fluorophenol			1.14	1.67		68.5	50.6	89	06/13/2011
Surr: Nitrobenzene-d5			0.808	0.835		96.8	42.4	99.2	06/13/2011
Surr: Nitrobenzene-d5			0.608	0.835		72.9	42.4	99.2	06/13/2011
Surr: Phenol-d5			1.11	1.67		66.5	55.9	98.5	06/13/2011
Surr: p-Terphenyl-d14			0.710	0.835		85.1	45.5	115	06/13/2011

**Client:** PSC Industrial Outsourcing, LP

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**SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 68860		SampType: LCS		Units %REC						
SampID: LCSDRO-68860										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: Nitrobenzene-d5			<b>0.578</b>	0.835		69.3	42.4	99.2	06/13/2011	

Batch 68860		SampType: MS		Units mg/Kg-dry						
SampID: 11060557-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.559		<b>1.42</b>	1.87	0	76.1	35.9	102	06/13/2011	
1,4-Dichlorobenzene	0.559		<b>1.29</b>	1.87	0	69.1	29.8	95.5	06/13/2011	
2,4,5-Trichlorophenol	0.391		<b>3.01</b>	3.72	0	80.8	38.6	123	06/13/2011	
2,4,6-Trichlorophenol	0.391		<b>3.26</b>	3.72	0	87.7	35.9	123	06/13/2011	
2,4-Dimethylphenol	0.559		<b>2.96</b>	3.72	0	79.6	38.3	88	06/13/2011	
2,4-Dinitrophenol	1.12		<b>2.50</b>	3.72	0	67.1	1.88	162	06/13/2011	
2,4-Dinitrotoluene	0.391		<b>1.46</b>	1.87	0	78.4	37.5	107	06/13/2011	
2-Chlorophenol	0.559		<b>2.73</b>	3.72	0	73.4	22.6	108	06/13/2011	
4-Chloro-3-methylphenol	0.559		<b>3.19</b>	3.72	0	85.8	19.3	131	06/13/2011	
4-Nitrophenol	0.391	S	<b>5.17</b>	3.72	0	139.0	27.6	123	06/13/2011	
Diethyl phthalate	0.559		<b>3.28</b>	3.72	0	88.2	51.7	106	06/13/2011	
Dimethyl phthalate	0.391		<b>3.15</b>	3.72	0	84.6	58.8	104	06/13/2011	
Di-n-butyl phthalate	0.391		<b>1.58</b>	1.87	0	84.5	54.3	105	06/13/2011	
Hexachlorobenzene	0.391		<b>3.27</b>	3.72	0	87.9	55.9	106	06/13/2011	
Hexachlorobutadiene	0.559		<b>3.23</b>	3.72	0	86.9	35.7	100	06/13/2011	
Hexachloroethane	0.559		<b>2.70</b>	3.72	0	72.6	38.9	89.9	06/13/2011	
m,p-Cresol	0.559		<b>1.39</b>	1.87	0	74.4	37.6	93.7	06/13/2011	
Nitrobenzene	0.559		<b>2.74</b>	3.72	0	73.6	51.8	104	06/13/2011	
N-Nitroso-di-n-propylamine	0.559		<b>1.27</b>	1.87	0	67.9	45.5	99.1	06/13/2011	
o-Cresol	0.559		<b>1.38</b>	1.87	0	73.8	43	101	06/13/2011	
Pentachlorophenol	2.23		<b>2.38</b>	3.72	0	64.0	18.5	113	06/13/2011	
Phenol	0.391		<b>2.54</b>	3.72	0	68.2	20.8	110	06/13/2011	
Pyridine	0.559		<b>1.70</b>	3.72	0	45.6	3.61	74.3	06/13/2011	
Surr: 2,4,6-Tribromophenol			<b>1.32</b>	1.87		70.7	32.7	130	06/13/2011	
Surr: 2-Fluorobiphenyl			<b>0.556</b>	0.933		59.6	34.1	116	06/13/2011	
Surr: 2-Fluorophenol			<b>1.14</b>	1.87		61.2	30.5	99	06/13/2011	
Surr: Nitrobenzene-d5			<b>0.587</b>	0.933		62.9	34.1	101	06/13/2011	
Surr: Phenol-d5			<b>1.21</b>	1.87		64.7	34.9	110	06/13/2011	
Surr: p-Terphenyl-d14			<b>0.767</b>	0.933		82.2	41.7	124	06/13/2011	

Batch 68860		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed	
SampID: 11060557-001AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
1,2,4-Trichlorobenzene	0.558		<b>1.44</b>	1.86	0	77.0	1.419	1.15	06/13/2011		
1,4-Dichlorobenzene	0.558		<b>1.28</b>	1.86	0	68.6	1.289	0.81	06/13/2011		
2,4,5-Trichlorophenol	0.391		<b>2.81</b>	3.72	0	75.7	3.006	6.71	06/13/2011		
2,4,6-Trichlorophenol	0.391		<b>3.21</b>	3.72	0	86.5	3.264	1.51	06/13/2011		
2,4-Dimethylphenol	0.558		<b>2.94</b>	3.72	0	79.1	2.961	0.72	06/13/2011		
2,4-Dinitrophenol	1.12		<b>2.42</b>	3.72	0	65.0	2.498	3.33	06/13/2011		
2,4-Dinitrotoluene	0.391		<b>1.53</b>	1.86	0	82.2	1.464	4.58	06/13/2011		
2-Chlorophenol	0.558		<b>2.70</b>	3.72	0	72.6	2.729	1.16	06/13/2011		

Client: PSC Industrial Outsourcing, LP

Work Order: 11060557

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Report Date: 15-Jun-11

## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68860		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		
SampID: 11060557-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
4-Chloro-3-methylphenol	0.558		3.15	3.72	0	84.7	3.193	1.38	06/13/2011	
4-Nitrophenol	0.391	S	5.03	3.72	0	135.4	5.172	2.79	06/13/2011	
Diethyl phthalate	0.558		3.38	3.72	0	91.0	3.281	3.00	06/13/2011	
Dimethyl phthalate	0.391		3.17	3.72	0	85.3	3.148	0.71	06/13/2011	
Di-n-butyl phthalate	0.391		1.63	1.86	0	87.5	1.577	3.39	06/13/2011	
Hexachlorobenzene	0.391		3.36	3.72	0	90.3	3.269	2.61	06/13/2011	
Hexachlorobutadiene	0.558		3.33	3.72	0	89.7	3.234	2.99	06/13/2011	
Hexachloroethane	0.558		2.86	3.72	0	77.0	2.701	5.78	06/13/2011	
m,p-Cresol	0.558		1.37	1.86	0	73.7	1.389	1.15	06/13/2011	
Nitrobenzene	0.558		2.79	3.72	0	75.0	2.738	1.84	06/13/2011	
N-Nitroso-di-n-propylamine	0.558		1.32	1.86	0	71.0	1.267	4.40	06/13/2011	
o-Cresol	0.558		1.36	1.86	0	72.9	1.376	1.30	06/13/2011	
Pentachlorophenol	2.23		2.25	3.72	0	60.4	2.380	5.81	06/13/2011	
Phenol	0.391		2.58	3.72	0	69.5	2.538	1.78	06/13/2011	
Pyridine	0.558		1.78	3.72	0	47.9	1.697	4.73	06/13/2011	
Surr: 2,4,6-Tribromophenol			0.947	1.86		50.8			06/13/2011	
Surr: 2-Fluorobiphenyl			0.396	0.932		42.5			06/13/2011	
Surr: 2-Fluorophenol			1.00	1.86		53.6			06/13/2011	
Surr: Nitrobenzene-d5			0.525	0.932		56.4			06/13/2011	
Surr: Phenol-d5			1.17	1.86		62.9			06/13/2011	
Surr: p-Terphenyl-d14			0.718	0.932		77.1			06/13/2011	

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68884		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110610-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		ND						06/10/2011	
1,1,1-Trichloroethane	5.00		ND						06/10/2011	
1,1,2,2-Tetrachloroethane	5.00		ND						06/10/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		ND						06/10/2011	
1,1,2-Trichloroethane	5.00		ND						06/10/2011	
1,1-Dichloro-2-propanone	50.0		ND						06/10/2011	
1,1-Dichloroethane	5.00		ND						06/10/2011	
1,1-Dichloroethene	5.00		ND						06/10/2011	
1,1-Dichloropropene	5.00		ND						06/10/2011	
1,2,3-Trichlorobenzene	5.00		ND						06/10/2011	
1,2,3-Trichloropropane	10.0		ND						06/10/2011	
1,2,3-Trimethylbenzene	5.00		ND						06/10/2011	
1,2,4-Trichlorobenzene	5.00		ND						06/10/2011	
1,2,4-Trimethylbenzene	5.00		ND						06/10/2011	
1,2-Dibromo-3-chloropropane	5.00		ND						06/10/2011	
1,2-Dibromoethane	5.00		ND						06/10/2011	
1,2-Dichlorobenzene	5.00		ND						06/10/2011	
1,2-Dichloroethane	5.00		ND						06/10/2011	
1,2-Dichloropropane	5.00		ND						06/10/2011	
1,3,5-Trimethylbenzene	5.00		ND						06/10/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060557

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Report Date: 15-Jun-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68884 SampType: MBLK Units µg/Kg

SampID: MBLK-A110610-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,3-Dichlorobenzene	5.00		ND						06/10/2011
1,3-Dichloropropane	5.00		ND						06/10/2011
1,4-Dichlorobenzene	5.00		ND						06/10/2011
1-Chlorobutane	5.00		ND						06/10/2011
2,2-Dichloropropane	5.00		ND						06/10/2011
2-Butanone	50.0		ND						06/10/2011
2-Chlorotoluene	5.00		ND						06/10/2011
2-Hexanone	50.0		ND						06/10/2011
2-Nitropropane	50.0		ND						06/10/2011
4-Chlorotoluene	5.00		ND						06/10/2011
4-Methyl-2-pentanone	50.0		ND						06/10/2011
Acetone	50.0		ND						06/10/2011
Acetonitrile	100		ND						06/10/2011
Acrolein	100		ND						06/10/2011
Acrylonitrile	10.0		ND						06/10/2011
Allyl chloride	5.00		ND						06/10/2011
Benzene	1.00		ND						06/10/2011
Bromobenzene	5.00		ND						06/10/2011
Bromochloromethane	5.00		ND						06/10/2011
Bromodichloromethane	5.00		ND						06/10/2011
Bromoform	5.00		ND						06/10/2011
Bromomethane	10.0		ND						06/10/2011
Carbon disulfide	5.00		ND						06/10/2011
Carbon tetrachloride	5.00		ND						06/10/2011
Chlorobenzene	5.00		ND						06/10/2011
Chloroethane	10.0		ND						06/10/2011
Chloroform	5.00		ND						06/10/2011
Chloromethane	10.0		ND						06/10/2011
cis-1,2-Dichloroethene	5.00		ND						06/10/2011
cis-1,3-Dichloropropene	4.00		ND						06/10/2011
Cyclohexanone	100		ND						06/10/2011
Dibromochloromethane	5.00		ND						06/10/2011
Dibromomethane	5.00		ND						06/10/2011
Dichlorodifluoromethane	10.0		ND						06/10/2011
Ethyl acetate	50.0		ND						06/10/2011
Ethyl ether	5.00		ND						06/10/2011
Ethyl methacrylate	5.00		ND						06/10/2011
Ethylbenzene	5.00		ND						06/10/2011
Heptane	20.0		ND						06/10/2011
Hexachlorobutadiene	5.00		ND						06/10/2011
Hexachloroethane	5.00		ND						06/10/2011
Iodomethane	10.0		ND						06/10/2011
Isopropylbenzene	5.00		ND						06/10/2011
m,p-Xylenes	5.00		ND						06/10/2011
Methacrylonitrile	50.0		ND						06/10/2011
Methyl Methacrylate	5.00		ND						06/10/2011
Methyl tert-butyl ether	2.00		ND						06/10/2011

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**Report Date:** 15-Jun-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 68884		SampType: MBLK		Units µg/Kg					
SampID: MBLK-A110610-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Methylacrylate	10.0		ND						06/10/2011
Methylene chloride	5.00		ND						06/10/2011
Naphthalene	10.0		ND						06/10/2011
n-Butylbenzene	5.00		ND						06/10/2011
n-Hexane	20.0		ND						06/10/2011
Nitrobenzene	100		ND						06/10/2011
n-Propylbenzene	5.00		ND						06/10/2011
o-Xylene	5.00		ND						06/10/2011
Pentachloroethane	5.00		ND						06/10/2011
p-Isopropyltoluene	5.00		ND						06/10/2011
Propionitrile	50.0		ND						06/10/2011
sec-Butylbenzene	5.00		ND						06/10/2011
Styrene	5.00		ND						06/10/2011
tert-Butylbenzene	5.00		ND						06/10/2011
Tetrachloroethene	5.00		ND						06/10/2011
Tetrahydrofuran	50.0		ND						06/10/2011
Toluene	5.00		ND						06/10/2011
trans-1,2-Dichloroethene	5.00		ND						06/10/2011
trans-1,3-Dichloropropene	4.00		ND						06/10/2011
trans-1,4-Dichloro-2-butene	10.0		ND						06/10/2011
Trichloroethene	5.00		ND						06/10/2011
Trichlorofluoromethane	5.00		ND						06/10/2011
Vinyl acetate	50.0		ND						06/10/2011
Vinyl chloride	2.00		ND						06/10/2011
Xylenes, Total	5.00		ND						06/10/2011
Gasoline Range Organics (OA-1)	1000		ND						06/10/2011
Surr: 1,2-Dichloroethane-d4			50.9	50.0		101.8	72.2	131	06/10/2011
Surr: 4-Bromofluorobenzene			50.3	50.0		100.5	82.1	116	06/10/2011
Surr: Dibromofluoromethane			49.6	50.0		99.1	77.7	120	06/10/2011
Surr: Toluene-d8			50.7	50.0		101.4	86	116	06/10/2011

Batch 68884		SampType: LCS		Units µg/Kg					
SampID: LCS-A110610-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1,1,2-Tetrachloroethane	5.00		52.2	50.0	0	104.3	0	200	06/10/2011
1,1,1-Trichloroethane	5.00		50.6	50.0	0	101.3	85.8	124	06/10/2011
1,1,2,2-Tetrachloroethane	5.00		52.7	50.0	0	105.4	0	200	06/10/2011
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		53.0	50.0	0	106.1	0	200	06/10/2011
1,1,2-Trichloroethane	5.00		50.7	50.0	0	101.4	0	200	06/10/2011
1,1-Dichloro-2-propanone	50.0		125	125	0	100.1	0	200	06/10/2011
1,1-Dichloroethane	5.00		52.7	50.0	0	105.4	0	200	06/10/2011
1,1-Dichloroethene	5.00		53.0	50.0	0	106.1	60.1	131	06/10/2011
1,1-Dichloropropene	5.00		51.5	50.0	0	103.1	0	200	06/10/2011
1,2,3-Trichlorobenzene	5.00		51.7	50.0	0	103.4	0	200	06/10/2011
1,2,3-Trichloropropane	10.0		48.8	50.0	0	97.6	0	200	06/10/2011
1,2,3-Trimethylbenzene	5.00		50.8	50.0	0	101.7	0	200	06/10/2011
1,2,4-Trichlorobenzene	5.00		53.9	50.0	0	107.8	0	200	06/10/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11060557

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Jun-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68884	SampType: LCS	Units µg/Kg								
SampID: LCS-A110610-1										Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,2,4-Trimethylbenzene	5.00		51.7	50.0	0	103.4	0	200		06/10/2011
1,2-Dibromo-3-chloropropane	5.00		52.7	50.0	0	105.5	0	200		06/10/2011
1,2-Dibromoethane	5.00		51.1	50.0	0	102.1	86.9	119		06/10/2011
1,2-Dichlorobenzene	5.00		51.0	50.0	0	102.0	88	119		06/10/2011
1,2-Dichloroethane	5.00		51.5	50.0	0	103.0	73	117		06/10/2011
1,2-Dichloropropane	5.00		52.7	50.0	0	105.3	0	200		06/10/2011
1,3,5-Trimethylbenzene	5.00		52.2	50.0	0	104.3	0	200		06/10/2011
1,3-Dichlorobenzene	5.00		52.3	50.0	0	104.6	85.8	125		06/10/2011
1,3-Dichloropropane	5.00		52.2	50.0	0	104.5	0	200		06/10/2011
1,4-Dichlorobenzene	5.00		53.0	50.0	0	105.9	84.5	124		06/10/2011
1-Chlorobutane	5.00		51.9	50.0	0	103.8	0	200		06/10/2011
2,2-Dichloropropane	5.00		52.4	50.0	0	104.8	0	200		06/10/2011
2-Butanone	50.0		167	125	0	133.5	45.3	136		06/10/2011
2-Chlorotoluene	5.00		52.8	50.0	0	105.7	0	200		06/10/2011
2-Hexanone	50.0		151	125	0	121.0	0	200		06/10/2011
2-Nitropropane	50.0		541	500	0	108.1	0	200		06/10/2011
4-Chlorotoluene	5.00		52.6	50.0	0	105.2	0	200		06/10/2011
4-Methyl-2-pentanone	50.0		133	125	0	106.1	0	200		06/10/2011
Acetone	50.0		217	125	0	173.4	0	200		06/10/2011
Acetonitrile	100		586	500	0	117.3	0	200		06/10/2011
Acrylonitrile	10.0		50.9	50.0	0	101.8	0	200		06/10/2011
Allyl chloride	5.00		53.8	50.0	0	107.6	0	200		06/10/2011
Benzene	1.00		53.3	50.0	0	106.6	73.9	109		06/10/2011
Bromobenzene	5.00		52.3	50.0	0	104.6	0	200		06/10/2011
Bromochloromethane	5.00		54.2	50.0	0	108.5	0	200		06/10/2011
Bromodichloromethane	5.00		53.0	50.0	0	106.0	91.3	126		06/10/2011
Bromoform	5.00		53.1	50.0	0	106.3	0	200		06/10/2011
Bromomethane	10.0		45.2	50.0	0	90.5	0	200		06/10/2011
Carbon disulfide	5.00		54.7	50.0	0	109.5	0	200		06/10/2011
Carbon tetrachloride	5.00		52.1	50.0	0	104.3	83.3	127		06/10/2011
Chlorobenzene	5.00		51.4	50.0	0	102.9	85.8	116		06/10/2011
Chloroethane	10.0		45.6	50.0	0	91.1	0	200		06/10/2011
Chloroform	5.00		51.0	50.0	0	102.0	80	113		06/10/2011
Chloromethane	10.0		45.7	50.0	0	91.4	0	200		06/10/2011
cis-1,2-Dichloroethene	5.00		51.4	50.0	0	102.8	0	200		06/10/2011
cis-1,3-Dichloropropene	4.00		54.2	50.0	0	108.5	0	200		06/10/2011
Cyclohexanone	100		259	250	0	103.6	0	200		06/10/2011
Dibromochloromethane	5.00		53.0	50.0	0	106.1	89.1	119		06/10/2011
Dibromomethane	5.00		51.6	50.0	0	103.3	0	200		06/10/2011
Dichlorodifluoromethane	10.0		55.7	50.0	0	111.4	0	200		06/10/2011
Ethyl acetate	50.0		51.6	50.0	0	103.2	0	200		06/10/2011
Ethyl ether	5.00		55.4	50.0	0	110.9	0	200		06/10/2011
Ethyl methacrylate	5.00		53.4	50.0	0	106.8	0	200		06/10/2011
Ethylbenzene	5.00		52.8	50.0	0	105.6	84.1	115		06/10/2011
Heptane	20.0		54.6	50.0	0	109.3	0	200		06/10/2011
Hexachlorobutadiene	5.00		50.0	50.0	0	99.9	0	200		06/10/2011
Hexachloroethane	5.00		53.9	50.0	0	107.7	0	200		06/10/2011



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Jun-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 68884		SampType: LCS		Units µg/Kg						
SampID: LCS-A110610-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Iodomethane	10.0		56.9	50.0	0	113.8	0	200	06/10/2011	
Isopropylbenzene	5.00		52.7	50.0	0	105.3	0	200	06/10/2011	
m,p-Xylenes	5.00		106	100	0	106.1	79.1	111	06/10/2011	
Methacrylonitrile	50.0		54.0	50.0	0	107.9	0	200	06/10/2011	
Methyl Methacrylate	5.00		53.1	50.0	0	106.2	0	200	06/10/2011	
Methyl tert-butyl ether	2.00		51.7	50.0	0	103.4	80	128	06/10/2011	
Methylacrylate	10.0		54.5	50.0	0	109.1	0	200	06/10/2011	
Methylene chloride	5.00		51.6	50.0	0	103.2	73.9	116	06/10/2011	
Naphthalene	10.0		52.5	50.0	0	105.0	73.1	135	06/10/2011	
n-Butylbenzene	5.00		53.5	50.0	0	107.1	0	200	06/10/2011	
n-Hexane	20.0		56.2	50.0	0	112.3	0	200	06/10/2011	
Nitrobenzene	100		547	500	0	109.4	0	200	06/10/2011	
n-Propylbenzene	5.00		52.5	50.0	0	105.0	0	200	06/10/2011	
o-Xylene	5.00		53.9	50.0	0	107.8	82	117	06/10/2011	
Pentachloroethane	5.00		51.5	50.0	0	103.0	0	200	06/10/2011	
p-Isopropyltoluene	5.00		52.5	50.0	0	105.0	0	200	06/10/2011	
Propionitrile	50.0		529	500	0	105.7	0	200	06/10/2011	
sec-Butylbenzene	5.00		52.4	50.0	0	104.9	0	200	06/10/2011	
Styrene	5.00		53.6	50.0	0	107.2	0	200	06/10/2011	
tert-Butylbenzene	5.00		52.2	50.0	0	104.4	0	200	06/10/2011	
Tetrachloroethene	5.00		51.1	50.0	0	102.3	74.6	115	06/10/2011	
Tetrahydrofuran	50.0		55.8	50.0	0	111.5	0	200	06/10/2011	
Toluene	5.00		52.9	50.0	0	105.8	79.1	112	06/10/2011	
trans-1,2-Dichloroethene	5.00		53.3	50.0	0	106.5	0	200	06/10/2011	
trans-1,3-Dichloropropene	4.00		54.1	50.0	0	108.1	0	200	06/10/2011	
trans-1,4-Dichloro-2-butene	10.0		54.4	50.0	0	108.9	0	200	06/10/2011	
Trichloroethene	5.00		52.0	50.0	0	103.9	81	111	06/10/2011	
Trichlorofluoromethane	5.00		55.1	50.0	0	110.3	0	200	06/10/2011	
Vinyl acetate	50.0		53.8	50.0	0	107.6	0	200	06/10/2011	
Vinyl chloride	2.00		47.1	50.0	0	94.2	0	200	06/10/2011	
Xylenes, Total	5.00		160	150	0	106.6	79.1	117	06/10/2011	
Surr: 1,2-Dichloroethane-d4			49.3	50.0		98.7	72.2	131	06/10/2011	
Surr: 4-Bromofluorobenzene			50.2	50.0		100.3	82.1	116	06/10/2011	
Surr: Dibromofluoromethane			49.5	50.0		99.1	77.7	120	06/10/2011	
Surr: Toluene-d8			50.3	50.0		100.6	86	116	06/10/2011	

Batch 68884		SampType: LCSD		Units µg/Kg		RPD Limit 40				
SampID: LCSD-A110610-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		49.8	50.0	0	99.6	52.15	4.63	06/10/2011	
1,1,1-Trichloroethane	5.00		49.6	50.0	0	99.3	50.64	1.97	06/10/2011	
1,1,2,2-Tetrachloroethane	5.00		50.0	50.0	0	99.9	52.69	5.32	06/10/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		50.8	50.0	0	101.6	53.05	4.35	06/10/2011	
1,1,2-Trichloroethane	5.00		49.7	50.0	0	99.4	50.69	1.95	06/10/2011	
1,1-Dichloro-2-propanone	50.0		115	125	0	92.4	125.1	8.01	06/10/2011	
1,1-Dichloroethane	5.00		52.1	50.0	0	104.3	52.71	1.11	06/10/2011	
1,1-Dichloroethene	5.00		52.0	50.0	0	103.9	53.05	2.06	06/10/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060557

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Jun-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68884	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-A110610-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1-Dichloropropene	5.00		50.4	50.0	0	100.8	51.53	2.20	06/10/2011	
1,2,3-Trichlorobenzene	5.00		49.4	50.0	0	98.8	51.69	4.49	06/10/2011	
1,2,3-Trichloropropane	10.0		47.6	50.0	0	95.2	48.78	2.43	06/10/2011	
1,2,3-Trimethylbenzene	5.00		49.9	50.0	0	99.8	50.83	1.89	06/10/2011	
1,2,4-Trichlorobenzene	5.00		51.4	50.0	0	102.9	53.90	4.65	06/10/2011	
1,2,4-Trimethylbenzene	5.00		50.9	50.0	0	101.8	51.68	1.56	06/10/2011	
1,2-Dibromo-3-chloropropane	5.00		49.5	50.0	0	99.0	52.74	6.36	06/10/2011	
1,2-Dibromoethane	5.00		49.9	50.0	0	99.7	51.06	2.36	06/10/2011	
1,2-Dichlorobenzene	5.00		49.7	50.0	0	99.5	51.02	2.54	06/10/2011	
1,2-Dichloroethane	5.00		50.8	50.0	0	101.5	51.52	1.49	06/10/2011	
1,2-Dichloropropane	5.00		52.2	50.0	0	104.5	52.67	0.80	06/10/2011	
1,3,5-Trimethylbenzene	5.00		51.3	50.0	0	102.7	52.17	1.60	06/10/2011	
1,3-Dichlorobenzene	5.00		50.7	50.0	0	101.4	52.29	3.11	06/10/2011	
1,3-Dichloropropane	5.00		50.7	50.0	0	101.4	52.24	2.99	06/10/2011	
1,4-Dichlorobenzene	5.00		51.3	50.0	0	102.6	52.97	3.22	06/10/2011	
1-Chlorobutane	5.00		50.7	50.0	0	101.4	51.88	2.28	06/10/2011	
2,2-Dichloropropane	5.00		51.4	50.0	0	102.7	52.38	1.99	06/10/2011	
2-Butanone	50.0		154	125	0	123.1	166.9	8.11	06/10/2011	
2-Chlorotoluene	5.00		51.2	50.0	0	102.5	52.84	3.06	06/10/2011	
2-Hexanone	50.0		142	125	0	113.7	151.2	6.16	06/10/2011	
2-Nitropropane	50.0		509	500	0	101.8	540.6	6.00	06/10/2011	
4-Chlorotoluene	5.00		51.4	50.0	0	102.9	52.60	2.25	06/10/2011	
4-Methyl-2-pentanone	50.0		126	125	0	100.6	132.6	5.39	06/10/2011	
Acetone	50.0		203	125	0	162.3	216.8	6.65	06/10/2011	
Acetonitrile	100		542	500	0	108.3	586.3	7.94	06/10/2011	
Acrylonitrile	10.0		47.4	50.0	0	94.9	50.88	7.00	06/10/2011	
Allyl chloride	5.00		53.1	50.0	0	106.1	53.78	1.33	06/10/2011	
Benzene	1.00		52.8	50.0	0	105.5	53.30	1.02	06/10/2011	
Bromobenzene	5.00		51.4	50.0	0	102.8	52.31	1.79	06/10/2011	
Bromochloromethane	5.00		52.1	50.0	0	104.2	54.23	4.03	06/10/2011	
Bromodichloromethane	5.00		50.9	50.0	0	101.9	53.01	3.98	06/10/2011	
Bromoform	5.00		51.2	50.0	0	102.3	53.14	3.78	06/10/2011	
Bromomethane	10.0		44.6	50.0	0	89.1	45.24	1.49	06/10/2011	
Carbon disulfide	5.00		53.6	50.0	0	107.2	54.74	2.12	06/10/2011	
Carbon tetrachloride	5.00		50.5	50.0	0	101.0	52.13	3.22	06/10/2011	
Chlorobenzene	5.00		50.2	50.0	0	100.4	51.43	2.46	06/10/2011	
Chloroethane	10.0		44.5	50.0	0	88.9	45.56	2.42	06/10/2011	
Chloroform	5.00		49.9	50.0	0	99.8	51.02	2.18	06/10/2011	
Chloromethane	10.0		42.9	50.0	0	85.7	45.71	6.44	06/10/2011	
cis-1,2-Dichloroethene	5.00		51.0	50.0	0	102.0	51.39	0.76	06/10/2011	
cis-1,3-Dichloropropene	4.00		53.8	50.0	0	107.7	54.25	0.76	06/10/2011	
Cyclohexanone	100		245	250	0	98.2	259.0	5.36	06/10/2011	
Dibromochloromethane	5.00		52.2	50.0	0	104.4	53.05	1.62	06/10/2011	
Dibromomethane	5.00		49.9	50.0	0	99.9	51.64	3.37	06/10/2011	
Dichlorodifluoromethane	10.0		51.3	50.0	0	102.5	55.70	8.30	06/10/2011	
Ethyl acetate	50.0	J	49	50.0	0	98.2	51.62	0.00	06/10/2011	
Ethyl ether	5.00		53.5	50.0	0	107.0	55.45	3.54	06/10/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Jun-11

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68884		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-A110610-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Ethyl methacrylate	5.00		51.0	50.0	0	102.0	53.42	4.62	06/10/2011	
Ethylbenzene	5.00		52.2	50.0	0	104.5	52.80	1.07	06/10/2011	
Heptane	20.0		53.2	50.0	0	106.4	54.65	2.67	06/10/2011	
Hexachlorobutadiene	5.00		47.8	50.0	0	95.7	49.97	4.36	06/10/2011	
Hexachloroethane	5.00		52.0	50.0	0	104.1	53.86	3.46	06/10/2011	
Iodomethane	10.0		56.3	50.0	0	112.7	56.91	1.02	06/10/2011	
Isopropylbenzene	5.00		51.1	50.0	0	102.2	52.67	3.03	06/10/2011	
m,p-Xylenes	5.00		105	100	0	105.0	106.1	1.07	06/10/2011	
Methacrylonitrile	50.0		50.6	50.0	0	101.2	53.96	6.39	06/10/2011	
Methyl Methacrylate	5.00		50.1	50.0	0	100.2	53.08	5.76	06/10/2011	
Methyl tert-butyl ether	2.00		49.5	50.0	0	99.0	51.71	4.37	06/10/2011	
Methylacrylate	10.0		51.3	50.0	0	102.7	54.54	6.04	06/10/2011	
Methylene chloride	5.00		49.9	50.0	0	99.9	51.59	3.27	06/10/2011	
Naphthalene	10.0		48.8	50.0	0	97.6	52.52	7.36	06/10/2011	
n-Butylbenzene	5.00		52.0	50.0	0	103.9	53.54	3.01	06/10/2011	
n-Hexane	20.0		52.8	50.0	0	105.5	56.15	6.21	06/10/2011	
Nitrobenzene	100		501	500	0	100.3	546.8	8.67	06/10/2011	
n-Propylbenzene	5.00		51.4	50.0	0	102.8	52.50	2.10	06/10/2011	
o-Xylene	5.00		52.7	50.0	0	105.4	53.88	2.20	06/10/2011	
Pentachloroethane	5.00		49.1	50.0	0	98.2	51.49	4.73	06/10/2011	
p-Isopropyltoluene	5.00		50.7	50.0	0	101.5	52.51	3.43	06/10/2011	
Propionitrile	50.0		493	500	0	98.6	528.6	6.94	06/10/2011	
sec-Butylbenzene	5.00		51.7	50.0	0	103.4	52.45	1.44	06/10/2011	
Styrene	5.00		52.2	50.0	0	104.4	53.62	2.68	06/10/2011	
tert-Butylbenzene	5.00		50.6	50.0	0	101.1	52.19	3.17	06/10/2011	
Tetrachloroethene	5.00		51.6	50.0	0	103.2	51.14	0.86	06/10/2011	
Tetrahydrofuran	50.0		52.5	50.0	0	104.9	55.77	6.10	06/10/2011	
Toluene	5.00		52.2	50.0	0	104.4	52.88	1.26	06/10/2011	
trans-1,2-Dichloroethene	5.00		52.4	50.0	0	104.7	53.27	1.72	06/10/2011	
trans-1,3-Dichloropropene	4.00		53.1	50.0	0	106.2	54.06	1.77	06/10/2011	
trans-1,4-Dichloro-2-butene	10.0		51.0	50.0	0	102.1	54.44	6.45	06/10/2011	
Trichloroethene	5.00		50.7	50.0	0	101.5	51.95	2.38	06/10/2011	
Trichlorofluoromethane	5.00		53.7	50.0	0	107.4	55.14	2.66	06/10/2011	
Vinyl acetate	50.0		51.0	50.0	0	102.0	53.78	5.33	06/10/2011	
Vinyl chloride	2.00		45.2	50.0	0	90.5	47.10	4.01	06/10/2011	
Xylenes, Total	5.00		158	150	0	105.1	160.0	1.45	06/10/2011	
Surr: 1,2-Dichloroethane-d4			49.4	50.0		98.7			06/10/2011	
Surr: 4-Bromofluorobenzene			49.5	50.0		99.0			06/10/2011	
Surr: Dibromofluoromethane			49.3	50.0		98.6			06/10/2011	
Surr: Toluene-d8			50.6	50.0		101.2			06/10/2011	

Batch 68884		SampType: LCSG		Units µg/Kg						Date Analyzed
SampID: LCSG-A110610-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Gasoline Range Organics (OA-1)	1000		2140	2000	0	106.8	70	130	06/10/2011	
Surr: 1,2-Dichloroethane-d4			48.6	50.0		97.1	61	128	06/10/2011	
Surr: 4-Bromofluorobenzene			50.0	50.0		100	78.2	117	06/10/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060557

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Jun-11

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68884		SampType: LCSG		Units µg/Kg						Date Analyzed
SampID: LCSG-A110610-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: Dibromofluoromethane			47.4	50.0		94.8	66.6	130	06/10/2011	
Surr: Toluene-d8			51.1	50.0		102.2	80.1	122	06/10/2011	

Batch 68884		SampType: LCSGD		Units µg/Kg		RPD Limit 20				Date Analyzed
SampID: LCSGD-A110610-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Gasoline Range Organics (OA-1)	1000		1950	2000	0	97.7	2136	8.89	06/10/2011	
Surr: 1,2-Dichloroethane-d4			48.2	50.0		96.3			06/10/2011	
Surr: 4-Bromofluorobenzene			49.0	50.0		98.0			06/10/2011	
Surr: Dibromofluoromethane			47.9	50.0		95.8			06/10/2011	
Surr: Toluene-d8			50.6	50.0		101.1			06/10/2011	

Batch 68912		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110613-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.00		ND						06/13/2011	
1,1,1-Trichloroethane	5.00		ND						06/13/2011	
1,1,2,2-Tetrachloroethane	5.00		ND						06/13/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		ND						06/13/2011	
1,1,2-Trichloroethane	5.00		ND						06/13/2011	
1,1-Dichloro-2-propanone	50.0		ND						06/13/2011	
1,1-Dichloroethane	5.00		ND						06/13/2011	
1,1-Dichloroethene	5.00		ND						06/13/2011	
1,1-Dichloropropene	5.00		ND						06/13/2011	
1,2,3-Trichlorobenzene	5.00		ND						06/13/2011	
1,2,3-Trichloropropane	10.0		ND						06/13/2011	
1,2,3-Trimethylbenzene	5.00		ND						06/13/2011	
1,2,4-Trichlorobenzene	5.00		ND						06/13/2011	
1,2,4-Trimethylbenzene	5.00		ND						06/13/2011	
1,2-Dibromo-3-chloropropane	5.00		ND						06/13/2011	
1,2-Dibromoethane	5.00		ND						06/13/2011	
1,2-Dichlorobenzene	5.00		ND						06/13/2011	
1,2-Dichloroethane	5.00		ND						06/13/2011	
1,2-Dichloropropane	5.00		ND						06/13/2011	
1,3,5-Trimethylbenzene	5.00		ND						06/13/2011	
1,3-Dichlorobenzene	5.00		ND						06/13/2011	
1,3-Dichloropropane	5.00		ND						06/13/2011	
1,4-Dichlorobenzene	5.00		ND						06/13/2011	
1-Chlorobutane	5.00		ND						06/13/2011	
2,2-Dichloropropane	5.00		ND						06/13/2011	
2-Butanone	50.0		ND						06/13/2011	
2-Chlorotoluene	5.00		ND						06/13/2011	
2-Hexanone	50.0		ND						06/13/2011	
2-Nitropropane	50.0		ND						06/13/2011	
4-Chlorotoluene	5.00		ND						06/13/2011	
4-Methyl-2-pentanone	50.0		ND						06/13/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060557

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Jun-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68912		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110613-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acetone	50.0		ND						06/13/2011	
Acetonitrile	100		ND						06/13/2011	
Acrolein	100		ND						06/13/2011	
Acrylonitrile	10.0		ND						06/13/2011	
Allyl chloride	5.00		ND						06/13/2011	
Benzene	1.00		ND						06/13/2011	
Bromobenzene	5.00		ND						06/13/2011	
Bromochloromethane	5.00		ND						06/13/2011	
Bromodichloromethane	5.00		ND						06/13/2011	
Bromoform	5.00		ND						06/13/2011	
Bromomethane	10.0		ND						06/13/2011	
Carbon disulfide	5.00		ND						06/13/2011	
Carbon tetrachloride	5.00		ND						06/13/2011	
Chlorobenzene	5.00		ND						06/13/2011	
Chloroethane	10.0		ND						06/13/2011	
Chloroform	5.00		ND						06/13/2011	
Chloromethane	10.0		ND						06/13/2011	
cis-1,2-Dichloroethene	5.00		ND						06/13/2011	
cis-1,3-Dichloropropene	4.00		ND						06/13/2011	
Cyclohexanone	100		ND						06/13/2011	
Dibromochloromethane	5.00		ND						06/13/2011	
Dibromomethane	5.00		ND						06/13/2011	
Dichlorodifluoromethane	10.0		ND						06/13/2011	
Ethyl acetate	50.0		ND						06/13/2011	
Ethyl ether	5.00		ND						06/13/2011	
Ethyl methacrylate	5.00		ND						06/13/2011	
Ethylbenzene	5.00		ND						06/13/2011	
Heptane	20.0		ND						06/13/2011	
Hexachlorobutadiene	5.00		ND						06/13/2011	
Hexachloroethane	5.00		ND						06/13/2011	
Iodomethane	10.0		ND						06/13/2011	
Isopropylbenzene	5.00		ND						06/13/2011	
m,p-Xylenes	5.00		ND						06/13/2011	
Methacrylonitrile	50.0		ND						06/13/2011	
Methyl Methacrylate	5.00		ND						06/13/2011	
Methyl tert-butyl ether	2.00		ND						06/13/2011	
Methylacrylate	10.0		ND						06/13/2011	
Methylene chloride	5.00	J	1.1						06/13/2011	
Naphthalene	10.0		ND						06/13/2011	
n-Butylbenzene	5.00		ND						06/13/2011	
n-Hexane	20.0		ND						06/13/2011	
Nitrobenzene	100		ND						06/13/2011	
n-Propylbenzene	5.00		ND						06/13/2011	
o-Xylene	5.00		ND						06/13/2011	
Pentachloroethane	5.00		ND						06/13/2011	
p-Isopropyltoluene	5.00		ND						06/13/2011	
Propionitrile	50.0		ND						06/13/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060557

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Jun-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68912		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110613-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
sec-Butylbenzene	5.00		ND						06/13/2011	
Styrene	5.00		ND						06/13/2011	
tert-Butylbenzene	5.00		ND						06/13/2011	
Tetrachloroethene	5.00		ND						06/13/2011	
Tetrahydrofuran	50.0		ND						06/13/2011	
Toluene	5.00		ND						06/13/2011	
trans-1,2-Dichloroethene	5.00		ND						06/13/2011	
trans-1,3-Dichloropropene	4.00		ND						06/13/2011	
trans-1,4-Dichloro-2-butene	10.0		ND						06/13/2011	
Trichloroethene	5.00		ND						06/13/2011	
Trichlorofluoromethane	5.00		ND						06/13/2011	
Vinyl acetate	50.0		ND						06/13/2011	
Vinyl chloride	2.00		ND						06/13/2011	
Xylenes, Total	5.00		ND						06/13/2011	
Gasoline Range Organics (OA-1)	1000		ND						06/13/2011	
Surr: 1,2-Dichloroethane-d4			49.6	50.0		99.2	72.2	131	06/13/2011	
Surr: 4-Bromofluorobenzene			49.1	50.0		98.3	82.1	116	06/13/2011	
Surr: Dibromofluoromethane			49.7	50.0		99.4	77.7	120	06/13/2011	
Surr: Toluene-d8			50.6	50.0		101.1	86	116	06/13/2011	

Batch 68912		SampType: LCS		Units µg/Kg						Date Analyzed
SampID: LCS-A110613-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.00		51.9	50.0	0	103.8	0	200	06/13/2011	
1,1,1-Trichloroethane	5.00		50.7	50.0	0	101.4	85.8	124	06/13/2011	
1,1,2,2-Tetrachloroethane	5.00		52.0	50.0	0	104.1	0	200	06/13/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		56.3	50.0	0	112.5	0	200	06/13/2011	
1,1,2-Trichloroethane	5.00		51.0	50.0	0	102.1	0	200	06/13/2011	
1,1-Dichloro-2-propanone	50.0		125	125	0	99.8	0	200	06/13/2011	
1,1-Dichloroethane	5.00		52.9	50.0	0	105.8	0	200	06/13/2011	
1,1-Dichloroethene	5.00		54.8	50.0	0	109.5	60.1	131	06/13/2011	
1,1-Dichloropropene	5.00		52.4	50.0	0	104.8	0	200	06/13/2011	
1,2,3-Trichlorobenzene	5.00		53.0	50.0	0	105.9	0	200	06/13/2011	
1,2,3-Trichloropropane	10.0		50.3	50.0	0	100.6	0	200	06/13/2011	
1,2,3-Trimethylbenzene	5.00		51.5	50.0	0	103.0	0	200	06/13/2011	
1,2,4-Trichlorobenzene	5.00		56.4	50.0	0	112.8	0	200	06/13/2011	
1,2,4-Trimethylbenzene	5.00		53.7	50.0	0	107.4	0	200	06/13/2011	
1,2-Dibromo-3-chloropropane	5.00		54.3	50.0	0	108.6	0	200	06/13/2011	
1,2-Dibromoethane	5.00		51.5	50.0	0	103.0	86.9	119	06/13/2011	
1,2-Dichlorobenzene	5.00		51.4	50.0	0	102.8	88	119	06/13/2011	
1,2-Dichloroethane	5.00		50.0	50.0	0	99.9	73	117	06/13/2011	
1,2-Dichloropropane	5.00		53.3	50.0	0	106.7	0	200	06/13/2011	
1,3,5-Trimethylbenzene	5.00		53.7	50.0	0	107.3	0	200	06/13/2011	
1,3-Dichlorobenzene	5.00		53.7	50.0	0	107.4	85.8	125	06/13/2011	
1,3-Dichloropropane	5.00		51.8	50.0	0	103.7	0	200	06/13/2011	
1,4-Dichlorobenzene	5.00		53.5	50.0	0	107.0	84.5	124	06/13/2011	
1-Chlorobutane	5.00		53.5	50.0	0	107.0	0	200	06/13/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Jun-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

**Batch 68912**      **SampType:** LCS

Units **µg/Kg**

SampID: LCS-A110613-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
2,2-Dichloropropane	5.00		<b>52.6</b>	50.0	0	105.2	0	200	06/13/2011
2-Butanone	50.0		<b>142</b>	125	0	113.9	45.3	136	06/13/2011
2-Chlorotoluene	5.00		<b>53.0</b>	50.0	0	106.1	0	200	06/13/2011
2-Hexanone	50.0		<b>138</b>	125	0	110.0	0	200	06/13/2011
2-Nitropropane	50.0		<b>532</b>	500	0	106.4	0	200	06/13/2011
4-Chlorotoluene	5.00		<b>54.3</b>	50.0	0	108.7	0	200	06/13/2011
4-Methyl-2-pentanone	50.0		<b>131</b>	125	0	104.7	0	200	06/13/2011
Acetone	50.0		<b>172</b>	125	0	137.8	0	200	06/13/2011
Acetonitrile	100		<b>583</b>	500	0	116.7	0	200	06/13/2011
Acrylonitrile	10.0		<b>51.0</b>	50.0	0	102.1	0	200	06/13/2011
Allyl chloride	5.00		<b>54.1</b>	50.0	0	108.2	0	200	06/13/2011
Benzene	1.00		<b>53.3</b>	50.0	0	106.7	73.9	109	06/13/2011
Bromobenzene	5.00		<b>52.6</b>	50.0	0	105.2	0	200	06/13/2011
Bromochloromethane	5.00		<b>52.9</b>	50.0	0	105.8	0	200	06/13/2011
Bromodichloromethane	5.00		<b>51.4</b>	50.0	0	102.9	91.3	126	06/13/2011
Bromoform	5.00		<b>53.2</b>	50.0	0	106.4	0	200	06/13/2011
Bromomethane	10.0		<b>46.8</b>	50.0	0	93.7	0	200	06/13/2011
Carbon disulfide	5.00		<b>56.4</b>	50.0	0	112.8	0	200	06/13/2011
Carbon tetrachloride	5.00		<b>52.5</b>	50.0	0	105.0	83.3	127	06/13/2011
Chlorobenzene	5.00		<b>52.6</b>	50.0	0	105.2	85.8	116	06/13/2011
Chloroethane	10.0		<b>47.9</b>	50.0	0	95.8	0	200	06/13/2011
Chloroform	5.00		<b>50.1</b>	50.0	0	100.1	80	113	06/13/2011
Chloromethane	10.0		<b>50.3</b>	50.0	0	100.6	0	200	06/13/2011
cis-1,2-Dichloroethene	5.00		<b>51.4</b>	50.0	0	102.8	0	200	06/13/2011
cis-1,3-Dichloropropene	4.00		<b>54.2</b>	50.0	0	108.4	0	200	06/13/2011
Cyclohexanone	100		<b>255</b>	250	0	101.9	0	200	06/13/2011
Dibromochloromethane	5.00		<b>53.3</b>	50.0	0	106.5	89.1	119	06/13/2011
Dibromomethane	5.00		<b>50.1</b>	50.0	0	100.3	0	200	06/13/2011
Dichlorodifluoromethane	10.0		<b>65.6</b>	50.0	0	131.1	0	200	06/13/2011
Ethyl acetate	50.0		<b>53.7</b>	50.0	0	107.5	0	200	06/13/2011
Ethyl ether	5.00		<b>54.4</b>	50.0	0	108.9	0	200	06/13/2011
Ethyl methacrylate	5.00		<b>53.2</b>	50.0	0	106.3	0	200	06/13/2011
Ethylbenzene	5.00		<b>54.1</b>	50.0	0	108.1	84.1	115	06/13/2011
Heptane	20.0		<b>57.8</b>	50.0	0	115.5	0	200	06/13/2011
Hexachlorobutadiene	5.00		<b>52.4</b>	50.0	0	104.7	0	200	06/13/2011
Hexachloroethane	5.00		<b>54.3</b>	50.0	0	108.5	0	200	06/13/2011
Iodomethane	10.0		<b>59.8</b>	50.0	0	119.7	0	200	06/13/2011
Isopropylbenzene	5.00		<b>53.6</b>	50.0	0	107.1	0	200	06/13/2011
m,p-Xylenes	5.00		<b>109</b>	100	0	109.0	79.1	111	06/13/2011
Methacrylonitrile	50.0		<b>54.4</b>	50.0	0	108.9	0	200	06/13/2011
Methyl Methacrylate	5.00		<b>52.6</b>	50.0	0	105.3	0	200	06/13/2011
Methyl tert-butyl ether	2.00		<b>51.3</b>	50.0	0	102.5	80	128	06/13/2011
Methylacrylate	10.0		<b>53.4</b>	50.0	0	106.8	0	200	06/13/2011
Methylene chloride	5.00		<b>54.7</b>	50.0	0	109.3	73.9	116	06/13/2011
Naphthalene	10.0		<b>53.6</b>	50.0	0	107.2	73.1	135	06/13/2011
n-Butylbenzene	5.00		<b>56.4</b>	50.0	0	112.7	0	200	06/13/2011
n-Hexane	20.0		<b>59.8</b>	50.0	0	119.7	0	200	06/13/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11060557

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Jun-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68912		SampType: LCS		Units µg/Kg						
SampID: LCS-A110613-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrobenzene	100		599	500	0	119.8	0	200	06/13/2011	
n-Propylbenzene	5.00		54.8	50.0	0	109.5	0	200	06/13/2011	
o-Xylene	5.00		54.2	50.0	0	108.3	82	117	06/13/2011	
Pentachloroethane	5.00		52.8	50.0	0	105.6	0	200	06/13/2011	
p-Isopropyltoluene	5.00		54.2	50.0	0	108.3	0	200	06/13/2011	
Propionitrile	50.0		533	500	0	106.5	0	200	06/13/2011	
sec-Butylbenzene	5.00		53.9	50.0	0	107.9	0	200	06/13/2011	
Styrene	5.00		53.4	50.0	0	106.8	0	200	06/13/2011	
tert-Butylbenzene	5.00		52.8	50.0	0	105.7	0	200	06/13/2011	
Tetrachloroethene	5.00		52.9	50.0	0	105.8	74.6	115	06/13/2011	
Tetrahydrofuran	50.0		54.3	50.0	0	108.6	0	200	06/13/2011	
Toluene	5.00		53.6	50.0	0	107.1	79.1	112	06/13/2011	
trans-1,2-Dichloroethene	5.00		53.7	50.0	0	107.4	0	200	06/13/2011	
trans-1,3-Dichloropropene	4.00		54.3	50.0	0	108.6	0	200	06/13/2011	
trans-1,4-Dichloro-2-butene	10.0		55.0	50.0	0	109.9	0	200	06/13/2011	
Trichloroethene	5.00		53.4	50.0	0	106.7	81	111	06/13/2011	
Trichlorofluoromethane	5.00		57.6	50.0	0	115.2	0	200	06/13/2011	
Vinyl acetate	50.0		53.7	50.0	0	107.4	0	200	06/13/2011	
Vinyl chloride	2.00		51.6	50.0	0	103.1	0	200	06/13/2011	
Xylenes, Total	5.00		163	150	0	108.8	79.1	117	06/13/2011	
Surr: 1,2-Dichloroethane-d4			47.5	50.0		95.1	72.2	131	06/13/2011	
Surr: 4-Bromofluorobenzene			49.5	50.0		99.0	82.1	116	06/13/2011	
Surr: Dibromofluoromethane			49.8	50.0		99.5	77.7	120	06/13/2011	
Surr: Toluene-d8			50.6	50.0		101.3	86	116	06/13/2011	

Batch 68912		SampType: LCSD		Units µg/Kg		RPD Limit 40				
SampID: LCSD-A110613-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		51.1	50.0	0	102.2	51.88	1.53	06/13/2011	
1,1,1-Trichloroethane	5.00		50.6	50.0	0	101.3	50.68	0.08	06/13/2011	
1,1,2,2-Tetrachloroethane	5.00		48.1	50.0	0	96.3	52.03	7.79	06/13/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		53.3	50.0	0	106.6	56.26	5.44	06/13/2011	
1,1,2-Trichloroethane	5.00		49.3	50.0	0	98.5	51.03	3.53	06/13/2011	
1,1-Dichloro-2-propanone	50.0		109	125	0	87.3	124.8	13.42	06/13/2011	
1,1-Dichloroethane	5.00		53.1	50.0	0	106.2	52.92	0.32	06/13/2011	
1,1-Dichloroethene	5.00		54.3	50.0	0	108.6	54.77	0.84	06/13/2011	
1,1-Dichloropropene	5.00		52.2	50.0	0	104.4	52.41	0.38	06/13/2011	
1,2,3-Trichlorobenzene	5.00		51.5	50.0	0	103.0	52.95	2.80	06/13/2011	
1,2,3-Trichloropropane	10.0		44.8	50.0	0	89.6	50.29	11.50	06/13/2011	
1,2,3-Trimethylbenzene	5.00		51.7	50.0	0	103.5	51.50	0.46	06/13/2011	
1,2,4-Trichlorobenzene	5.00		54.6	50.0	0	109.3	56.38	3.15	06/13/2011	
1,2,4-Trimethylbenzene	5.00		53.0	50.0	0	106.0	53.68	1.26	06/13/2011	
1,2-Dibromo-3-chloropropane	5.00		47.9	50.0	0	95.9	54.31	12.48	06/13/2011	
1,2-Dibromoethane	5.00		48.1	50.0	0	96.2	51.52	6.87	06/13/2011	
1,2-Dichlorobenzene	5.00		50.4	50.0	0	100.9	51.41	1.92	06/13/2011	
1,2-Dichloroethane	5.00		49.1	50.0	0	98.2	49.95	1.76	06/13/2011	
1,2-Dichloropropane	5.00		52.6	50.0	0	105.3	53.34	1.34	06/13/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Jun-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 68912	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-A110613-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,3,5-Trimethylbenzene	5.00		52.8	50.0	0	105.6	53.66	1.65	06/13/2011	
1,3-Dichlorobenzene	5.00		52.6	50.0	0	105.2	53.69	2.01	06/13/2011	
1,3-Dichloropropane	5.00		49.4	50.0	0	98.7	51.84	4.88	06/13/2011	
1,4-Dichlorobenzene	5.00		53.6	50.0	0	107.1	53.48	0.13	06/13/2011	
1-Chlorobutane	5.00		52.5	50.0	0	104.9	53.51	1.98	06/13/2011	
2,2-Dichloropropane	5.00		51.8	50.0	0	103.7	52.62	1.51	06/13/2011	
2-Butanone	50.0		118	125	0	94.4	142.4	18.72	06/13/2011	
2-Chlorotoluene	5.00		52.2	50.0	0	104.5	53.03	1.48	06/13/2011	
2-Hexanone	50.0		115	125	0	92.4	137.6	17.47	06/13/2011	
2-Nitropropane	50.0		472	500	0	94.4	532.1	11.93	06/13/2011	
4-Chlorotoluene	5.00		53.6	50.0	0	107.2	54.33	1.33	06/13/2011	
4-Methyl-2-pentanone	50.0		115	125	0	92.2	130.9	12.68	06/13/2011	
Acetone	50.0		136	125	0	109.1	172.3	23.30	06/13/2011	
Acetonitrile	100		518	500	0	103.6	583.4	11.88	06/13/2011	
Acrylonitrile	10.0		45.4	50.0	0	90.7	51.03	11.79	06/13/2011	
Allyl chloride	5.00		53.7	50.0	0	107.5	54.12	0.72	06/13/2011	
Benzene	1.00		53.6	50.0	0	107.2	53.33	0.51	06/13/2011	
Bromobenzene	5.00		52.2	50.0	0	104.3	52.60	0.84	06/13/2011	
Bromochloromethane	5.00		52.1	50.0	0	104.3	52.91	1.47	06/13/2011	
Bromodichloromethane	5.00		51.0	50.0	0	102.1	51.44	0.76	06/13/2011	
Bromoform	5.00		50.6	50.0	0	101.1	53.20	5.07	06/13/2011	
Bromomethane	10.0		49.3	50.0	0	98.7	46.85	5.18	06/13/2011	
Carbon disulfide	5.00		55.9	50.0	0	111.9	56.38	0.78	06/13/2011	
Carbon tetrachloride	5.00		52.3	50.0	0	104.6	52.51	0.38	06/13/2011	
Chlorobenzene	5.00		51.4	50.0	0	102.8	52.59	2.27	06/13/2011	
Chloroethane	10.0		47.5	50.0	0	94.9	47.90	0.90	06/13/2011	
Chloroform	5.00		50.1	50.0	0	100.3	50.06	0.16	06/13/2011	
Chloromethane	10.0		48.8	50.0	0	97.7	50.29	2.95	06/13/2011	
cis-1,2-Dichloroethene	5.00		51.4	50.0	0	102.8	51.42	0.04	06/13/2011	
cis-1,3-Dichloropropene	4.00		54.2	50.0	0	108.3	54.21	0.09	06/13/2011	
Cyclohexanone	100		232	250	0	92.7	254.6	9.46	06/13/2011	
Dibromochloromethane	5.00		51.6	50.0	0	103.3	53.26	3.09	06/13/2011	
Dibromomethane	5.00		49.0	50.0	0	98.1	50.14	2.24	06/13/2011	
Dichlorodifluoromethane	10.0		63.0	50.0	0	126.0	65.57	3.97	06/13/2011	
Ethyl acetate	50.0	J	47	50.0	0	93.9	53.74	0.00	06/13/2011	
Ethyl ether	5.00		53.8	50.0	0	107.7	54.44	1.11	06/13/2011	
Ethyl methacrylate	5.00		49.8	50.0	0	99.5	53.15	6.57	06/13/2011	
Ethylbenzene	5.00		53.6	50.0	0	107.1	54.06	0.95	06/13/2011	
Heptane	20.0		55.0	50.0	0	109.9	57.75	4.97	06/13/2011	
Hexachlorobutadiene	5.00		51.8	50.0	0	103.7	52.35	0.96	06/13/2011	
Hexachloroethane	5.00		54.1	50.0	0	108.2	54.26	0.28	06/13/2011	
Iodomethane	10.0		61.4	50.0	0	122.8	59.85	2.56	06/13/2011	
Isopropylbenzene	5.00		52.6	50.0	0	105.2	53.57	1.81	06/13/2011	
m,p-Xylenes	5.00		106	100	0	106.4	109.0	2.41	06/13/2011	
Methacrylonitrile	50.0	J	49	50.0	0	98.8	54.45	0.00	06/13/2011	
Methyl Methacrylate	5.00		48.0	50.0	0	96.1	52.65	9.16	06/13/2011	
Methyl tert-butyl ether	2.00		49.5	50.0	0	99.1	51.27	3.45	06/13/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Jun-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 68912		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-A110613-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Methylacrylate	10.0		48.2	50.0	0	96.3	53.38	10.26	06/13/2011	
Methylene chloride	5.00		54.8	50.0	0	109.7	54.66	0.35	06/13/2011	
Naphthalene	10.0		50.0	50.0	0	100	53.59	6.89	06/13/2011	
n-Butylbenzene	5.00		55.2	50.0	0	110.4	56.36	2.06	06/13/2011	
n-Hexane	20.0		56.4	50.0	0	112.7	59.85	6.02	06/13/2011	
Nitrobenzene	100		510	500	0	102.1	598.9	15.97	06/13/2011	
n-Propylbenzene	5.00		54.0	50.0	0	108.1	54.76	1.34	06/13/2011	
o-Xylene	5.00		53.9	50.0	0	107.7	54.17	0.57	06/13/2011	
Pentachloroethane	5.00		52.0	50.0	0	104.1	52.80	1.45	06/13/2011	
p-Isopropyltoluene	5.00		53.1	50.0	0	106.2	54.16	2.01	06/13/2011	
Propionitrile	50.0		459	500	0	91.8	532.6	14.86	06/13/2011	
sec-Butylbenzene	5.00		53.4	50.0	0	106.8	53.94	1.04	06/13/2011	
Styrene	5.00		53.1	50.0	0	106.1	53.38	0.58	06/13/2011	
tert-Butylbenzene	5.00		52.6	50.0	0	105.1	52.83	0.53	06/13/2011	
Tetrachloroethene	5.00		50.8	50.0	0	101.7	52.90	3.97	06/13/2011	
Tetrahydrofuran	50.0	J	47	50.0	0	93.2	54.29	0.00	06/13/2011	
Toluene	5.00		52.8	50.0	0	105.6	53.56	1.43	06/13/2011	
trans-1,2-Dichloroethene	5.00		53.6	50.0	0	107.2	53.71	0.24	06/13/2011	
trans-1,3-Dichloropropene	4.00		52.3	50.0	0	104.6	54.32	3.81	06/13/2011	
trans-1,4-Dichloro-2-butene	10.0		50.1	50.0	0	100.2	54.97	9.27	06/13/2011	
Trichloroethene	5.00		52.9	50.0	0	105.7	53.37	0.96	06/13/2011	
Trichlorofluoromethane	5.00		56.7	50.0	0	113.4	57.61	1.59	06/13/2011	
Vinyl acetate	50.0		50.8	50.0	0	101.6	53.70	5.55	06/13/2011	
Vinyl chloride	2.00		50.9	50.0	0	101.8	51.55	1.29	06/13/2011	
Xylenes, Total	5.00		160	150	0	106.9	163.2	1.80	06/13/2011	
Surr: 1,2-Dichloroethane-d4			47.6	50.0		95.2			06/13/2011	
Surr: 4-Bromofluorobenzene			49.4	50.0		98.9			06/13/2011	
Surr: Dibromofluoromethane			49.2	50.0		98.5			06/13/2011	
Surr: Toluene-d8			50.0	50.0		99.9			06/13/2011	

Batch 68912		SampType: LCSG		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSG-A110613-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Gasoline Range Organics (OA-1)	1000		2040	2000	0	101.8	70	130	06/13/2011	
Surr: 1,2-Dichloroethane-d4			47.5	50.0		95.0	61	128	06/13/2011	
Surr: 4-Bromofluorobenzene			49.4	50.0		98.8	78.2	117	06/13/2011	
Surr: Dibromofluoromethane			47.0	50.0		94.0	66.6	130	06/13/2011	
Surr: Toluene-d8			51.2	50.0		102.3	80.1	122	06/13/2011	

Batch 68912		SampType: LCSGD		Units µg/Kg				RPD Limit 20		Date Analyzed
SampID: LCSGD-A110613-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Gasoline Range Organics (OA-1)	1000		2060	2000	0	103.0	2036	1.21	06/13/2011	
Surr: 1,2-Dichloroethane-d4			47.2	50.0		94.3			06/13/2011	
Surr: 4-Bromofluorobenzene			49.1	50.0		98.1			06/13/2011	
Surr: Dibromofluoromethane			47.2	50.0		94.4			06/13/2011	



# Quality Control Results

<http://www.teklabinc.com/>

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060557

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Jun-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	SampType:	Units					RPD Limit			Date Analyzed	
68912	LCSGD	µg/Kg	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
SampID: LCSGD-A110613-1											
Analyses											
Surr: Toluene-d8					51.5	50.0		103.1			06/13/2011



# Receiving Check List

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 11060557

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Jun-11

Carrier: Employee

Received By: MLD

Completed by:

On:

10-Jun-11

Timothy W. Mathis

Reviewed by:

On:

13-Jun-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.

11060557

# Chain of Custody Record

210 West Sand Bank Road  
P.O. Box 230  
Columbia, IL 62236-0230

COC Serial No. **B** 10027

Project Name: Champaign MGP Project Mgr.: P. SARAKA

Project Number: 624-0908-0120 Cost Code: 5002

Sampler(s): J. DANTON

Laboratory Name: TRKLAB

Location: COLLINSVILLE

Sample Number and (depth): P9-DF 1.5-F 26 Date: 6-10-11 Time: 12:00

Matrix	Total Number of Containers	
	Soil	Water
Soil	X	
Water		
Air		
Wipes		
Other *		

Analyses by Method Name and Number

VOC (8260)	X
Suvc (8270)	X
Suvc (8290)	X
PCRA M 6295	X
TPH	X

Laboratory Temperature upon Receipt  
1.8 ICE

Comments (Field PID): RUSH Lab ID #'s: 11060557001

# 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:

- Requested TAT:  Rush  5 Days  STD  Other
- Fax and/or Mail Results to: P. SARAKA & L. KOOSIFR
- 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: 6-10-11 Time: 16:02

Received by:

Signature: [Signature] Date: 6/10/11 Time: 1612

June 23, 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:** 11060730

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 6/15/2011 2:30:00 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:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

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**This reporting package includes the following:**

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Laboratory Results	5
Sample Summary	15
Dates Report	16
Quality Control Results	17
Receiving Check List	37
Chain of Custody	Appended

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-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:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

**Cooler Receipt Temp:** 4.0 °C

### Locations and Accreditations

#### Collinsville

Address 5445 Horseshoe Lake Road  
Collinsville, IL 62234-7425

Phone (618) 344-1004

Fax (618) 344-1005

Email jhriley@teklabinc.com

#### Springfield

Address 3920 Pintail Dr  
Springfield, IL 62711-9415

Phone (217) 698-1004

Fax (217) 698-1005

Email kmclain@teklabinc.com

#### Kansas City

Address 8421 Nieman Road  
Lenexa, KS 66214

Phone (913) 541-1998

Fax (913) 541-1998

Email dthompson@teklabinc.com

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2012	Collinsville
Kansas	KDHE	E-10374	NELAP	1/31/2012	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2011	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2011	Springfield
Arkansas	ADEQ	88-0966		3/14/2012	Collinsville
Illinois	IDPH	17584		4/30/2012	Collinsville
Kentucky	UST	0073		5/26/2012	Collinsville
Missouri	MDNR	00930		5/31/2011	Collinsville
Oklahoma	ODEQ	9978		8/31/2011	Collinsville

Client: PSC Industrial Outsourcing, LP

Work Order: 11060730

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 23-Jun-11

Lab ID: 11060730-001

Client Sample ID: P9-E1-W (24 ft)

Matrix: SOLID

Collection Date: 06/10/2011 12:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		11.7	%	1	06/15/2011 15:30	R150841
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		88.3	%	1	06/15/2011 15:30	R150814
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.566		< 0.566	mg/Kg-dry	1	06/20/2011 9:18	R150994
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.57	S	< 0.57	mg/Kg-dry	1	06/20/2011 9:18	R150994
<i>Matrix spikes did not recover within control limits because of sample composition.</i>								
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		5.53	mg/Kg-dry	1	06/20/2011 18:01	69051
Barium	NELAP	0.50		20.7	mg/Kg-dry	1	06/20/2011 18:01	69051
Cadmium	NELAP	0.20	J	0.14	mg/Kg-dry	1	06/20/2011 18:01	69051
Chromium	NELAP	1.00		17.3	mg/Kg-dry	1	06/20/2011 18:01	69051
Lead	NELAP	4.00		8.54	mg/Kg-dry	1	06/20/2011 18:01	69051
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	06/20/2011 18:01	69051
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.577		< 0.577	mg/Kg-dry	1	06/21/2011 9:08	69073
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011		0.012	mg/Kg-dry	1	06/16/2011 12:50	69002
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Bis(2-ethylhexyl)phthalate	NELAP	0.076		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Naphthalene	NELAP	0.004		0.005	mg/Kg-dry	1	06/21/2011 12:33	69084
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 12:33	69084
Surr: 2-Fluorobiphenyl		10-131		72.9	%REC	1	06/21/2011 12:33	69084
Surr: Nitrobenzene-d5		10-132		60.7	%REC	1	06/21/2011 12:33	69084
Surr: p-Terphenyl-d14		80.2-138		81.2	%REC	1	06/21/2011 12:33	69084
<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	06/20/2011 21:31	69064
1,2-Dichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
1,3-Dichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
1,4-Dichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
2,4,5-Trichlorophenol	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064

Client: PSC Industrial Outsourcing, LP

Work Order: 11060730

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 23-Jun-11

Lab ID: 11060730-001

Client Sample ID: P9-E1-W (24 ft)

Matrix: SOLID

Collection Date: 06/10/2011 12:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,6-Trichlorophenol	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
2,4-Dichlorophenol	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
2,4-Dimethylphenol	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
2,4-Dinitrophenol	NELAP	1.13		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
2,4-Dinitrotoluene	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
2,6-Dinitrotoluene	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
2-Chloronaphthalene	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
2-Chlorophenol	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
2-Methoxy-4-methylphenol		0.734		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
2-Methylnaphthalene	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
2-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
2-Nitrophenol	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
3,3'-Dichlorobenzidine	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
3-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
4,6-Dinitro-2-methylphenol	NELAP	1.13		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
4-Bromophenyl phenyl ether	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
4-Chloro-3-methylphenol	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
4-Chloroaniline	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
4-Chlorophenyl phenyl ether	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
4-Nitroaniline	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
4-Nitrophenol	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Aniline	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Azobenzene		0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Benzidine	NELAP	1.19		see note	mg/Kg-dry	1	06/20/2011 21:31	69064
Benzoic acid	NELAP	1.69		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Benzyl alcohol	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Bis(2-chloroethoxy)methane	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Bis(2-chloroethyl)ether	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Bis(2-chloroisopropyl)ether	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Butyl benzyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Carbazole		0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Dibenzofuran	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Diethyl phthalate	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Dimethyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Di-n-butyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Di-n-octyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Hexachlorobenzene	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Hexachlorobutadiene	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Hexachlorocyclopentadiene	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Hexachloroethane	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Isophorone	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
m,p-Cresol	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Nitrobenzene	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
N-Nitrosodimethylamine	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
N-Nitroso-di-n-propylamine	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
N-Nitrosodiphenylamine	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
o-Cresol	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064

Client: PSC Industrial Outsourcing, LP

Work Order: 11060730

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 23-Jun-11

Lab ID: 11060730-001

Client Sample ID: P9-E1-W (24 ft)

Matrix: SOLID

Collection Date: 06/10/2011 12:10

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	2.26		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Phenol	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Pyridine	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
1,2-Diphenylhydrazine		0.948		ND	mg/Kg-dry	1	06/20/2011 21:31	69064
Surr: 2,4,6-Tribromophenol		32.7-130		92.3	%REC	1	06/20/2011 21:31	69064
Surr: 2-Fluorobiphenyl		34.1-116		78.0	%REC	1	06/20/2011 21:31	69064
Surr: 2-Fluorophenol		30.5-99		77.9	%REC	1	06/20/2011 21:31	69064
Surr: Nitrobenzene-d5		34.1-101		82.4	%REC	1	06/20/2011 21:31	69064
Surr: Phenol-d5		34.9-110		72.8	%REC	1	06/20/2011 21:31	69064
Surr: p-Terphenyl-d14		41.7-124		83.0	%REC	1	06/20/2011 21:31	69064

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	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,1,1-Trichloroethane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,1,2,2-Tetrachloroethane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,1,2-Trichloro-1,2,2-trifluoroethane		6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,1,2-Trichloroethane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,1-Dichloro-2-propanone		65.4		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,1-Dichloroethane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,1-Dichloroethene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,1-Dichloropropene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,2,3-Trichlorobenzene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,2,3-Trichloropropane	NELAP	13.1		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,2,3-Trimethylbenzene		6.5	J	1.5	µg/Kg-dry	1	06/16/2011 18:07	69037
1,2,4-Trichlorobenzene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,2,4-Trimethylbenzene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,2-Dibromo-3-chloropropane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,2-Dibromoethane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,2-Dichlorobenzene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,2-Dichloroethane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,2-Dichloropropane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,3,5-Trimethylbenzene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,3-Dichlorobenzene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,3-Dichloropropane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1,4-Dichlorobenzene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
1-Chlorobutane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
2,2-Dichloropropane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
2-Butanone	NELAP	65.4		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
2-Chlorotoluene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
2-Hexanone	NELAP	65.4		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
2-Nitropropane	NELAP	65.4		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
4-Chlorotoluene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
4-Methyl-2-pentanone	NELAP	65.4		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Acetone	NELAP	65.4	J	48	µg/Kg-dry	1	06/16/2011 18:07	69037
Acrolein	NELAP	131		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Acrylonitrile	NELAP	13.1		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Allyl chloride	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037

Client: PSC Industrial Outsourcing, LP

Work Order: 11060730

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 23-Jun-11

Lab ID: 11060730-001

Client Sample ID: P9-E1-W (24 ft)

Matrix: SOLID

Collection Date: 06/10/2011 12:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	1.3		2.0	µg/Kg-dry	1	06/16/2011 18:07	69037
Bromobenzene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Bromochloromethane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Bromodichloromethane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Bromoform	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Bromomethane	NELAP	13.1		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Carbon disulfide	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Carbon tetrachloride	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Chlorobenzene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Chloroethane	NELAP	13.1		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Chloroform	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Chloromethane	NELAP	13.1		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
cis-1,2-Dichloroethene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
cis-1,3-Dichloropropene	NELAP	5.2		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Cyclohexanone		131		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Dibromochloromethane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Dibromomethane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Dichlorodifluoromethane	NELAP	13.1		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Ethyl acetate	NELAP	65.4		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Ethyl ether	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Ethyl methacrylate	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Ethylbenzene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Heptane		26.2		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Hexachlorobutadiene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Hexachloroethane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Iodomethane	NELAP	13.1		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Isopropylbenzene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
m,p-Xylenes	NELAP	6.5	J	1.8	µg/Kg-dry	1	06/16/2011 18:07	69037
Methacrylonitrile	NELAP	65.4		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Methyl Methacrylate	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Methyl tert-butyl ether	NELAP	2.6		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Methylacrylate		13.1		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Methylene chloride	NELAP	6.5	J	1.5	µg/Kg-dry	1	06/16/2011 18:07	69037
Naphthalene	NELAP	13.1	J	3.0	µg/Kg-dry	1	06/16/2011 18:07	69037
n-Butylbenzene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
n-Hexane		26.2	J	3.5	µg/Kg-dry	1	06/16/2011 18:07	69037
Nitrobenzene	NELAP	131		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
n-Propylbenzene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
o-Xylene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Pentachloroethane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
p-Isopropyltoluene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Propionitrile	NELAP	65.4		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
sec-Butylbenzene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Styrene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
tert-Butylbenzene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Tetrachloroethene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Tetrahydrofuran	NELAP	65.4		ND	µg/Kg-dry	1	06/16/2011 18:07	69037



## Laboratory Results

<http://www.teklabinc.com/>

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

**Lab ID:** 11060730-001

**Client Sample ID:** P9-E1-W (24 ft)

**Matrix:** SOLID

**Collection Date:** 06/10/2011 12:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Toluene	NELAP	6.5	J	2.5	µg/Kg-dry	1	06/16/2011 18:07	69037
trans-1,2-Dichloroethene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
trans-1,3-Dichloropropene	NELAP	5.2		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Trichloroethene	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Trichlorofluoromethane	NELAP	6.5		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Vinyl acetate	NELAP	65.4		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Vinyl chloride	NELAP	2.6		ND	µg/Kg-dry	1	06/16/2011 18:07	69037
Surr: 1,2-Dichloroethane-d4		72.2-131		92.4	%REC	1	06/16/2011 18:07	69037
Surr: 4-Bromofluorobenzene		82.1-116		90.0	%REC	1	06/16/2011 18:07	69037
Surr: Dibromofluoromethane		77.7-120		112.7	%REC	1	06/16/2011 18:07	69037
Surr: Toluene-d8		86-116		111.0	%REC	1	06/16/2011 18:07	69037

*Surrogate and/or internal standard recovery was outside QC limits due to matrix interference.*

Client: PSC Industrial Outsourcing, LP

Work Order: 11060730

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 23-Jun-11

Lab ID: 11060730-002

Client Sample ID: P9-D1-W (24 ft)

Matrix: SOLID

Collection Date: 06/10/2011 12:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		11.5	%	1	06/15/2011 15:00	R150841
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		88.5	%	1	06/15/2011 15:30	R150814
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.565		< 0.565	mg/Kg-dry	1	06/17/2011 8:27	R150856
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56		< 0.56	mg/Kg-dry	1	06/17/2011 8:27	R150856
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		5.04	mg/Kg-dry	1	06/20/2011 18:30	69051
Barium	NELAP	0.49		17.9	mg/Kg-dry	1	06/20/2011 18:30	69051
Cadmium	NELAP	0.20	J	0.18	mg/Kg-dry	1	06/20/2011 18:30	69051
Chromium	NELAP	0.98		15.6	mg/Kg-dry	1	06/20/2011 18:30	69051
Lead	NELAP	3.92		7.65	mg/Kg-dry	1	06/20/2011 18:30	69051
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	06/20/2011 18:30	69051
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.556		< 0.556	mg/Kg-dry	1	06/21/2011 9:18	69073
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.008	mg/Kg-dry	1	06/16/2011 16:00	69002
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Bis(2-ethylhexyl)phthalate	NELAP	0.076		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	06/21/2011 14:24	69084
Surr: 2-Fluorobiphenyl		10-131		63.5	%REC	1	06/21/2011 14:24	69084
Surr: Nitrobenzene-d5		10-132		58.7	%REC	1	06/21/2011 14:24	69084
Surr: p-Terphenyl-d14		80.2-138	S	76.8	%REC	1	06/21/2011 14:24	69084
<i>Surrogate recovery was outside QC limits due to matrix interference.</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	06/20/2011 23:07	69064
1,2-Dichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
1,3-Dichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
1,4-Dichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
2,4,5-Trichlorophenol	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064

Client: PSC Industrial Outsourcing, LP

Work Order: 11060730

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 23-Jun-11

Lab ID: 11060730-002

Client Sample ID: P9-D1-W (24 ft)

Matrix: SOLID

Collection Date: 06/10/2011 12:20

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	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
2,4-Dichlorophenol	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
2,4-Dimethylphenol	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
2,4-Dinitrophenol	NELAP	1.13		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
2,4-Dinitrotoluene	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
2,6-Dinitrotoluene	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
2-Chloronaphthalene	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
2-Chlorophenol	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
2-Methoxy-4-methylphenol		0.734		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
2-Methylnaphthalene	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
2-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
2-Nitrophenol	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
3,3'-Dichlorobenzidine	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
3-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
4,6-Dinitro-2-methylphenol	NELAP	1.13		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
4-Bromophenyl phenyl ether	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
4-Chloro-3-methylphenol	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
4-Chloroaniline	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
4-Chlorophenyl phenyl ether	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
4-Nitroaniline	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
4-Nitrophenol	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Aniline	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Azobenzene		0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Benzidine	NELAP	1.19		see note	mg/Kg-dry	1	06/20/2011 23:07	69064
Benzoic acid	NELAP	1.69		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Benzyl alcohol	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Bis(2-chloroethoxy)methane	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Bis(2-chloroethyl)ether	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Bis(2-chloroisopropyl)ether	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Butyl benzyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Carbazole		0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Dibenzofuran	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Diethyl phthalate	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Dimethyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Di-n-butyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Di-n-octyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Hexachlorobenzene	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Hexachlorobutadiene	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Hexachlorocyclopentadiene	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Hexachloroethane	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Isophorone	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
m,p-Cresol	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Nitrobenzene	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
N-Nitrosodimethylamine	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
N-Nitroso-di-n-propylamine	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
N-Nitrosodiphenylamine	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
o-Cresol	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064



Client: PSC Industrial Outsourcing, LP

Work Order: 11060730

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 23-Jun-11

Lab ID: 11060730-002

Client Sample ID: P9-D1-W (24 ft)

Matrix: SOLID

Collection Date: 06/10/2011 12:20

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	2.26		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Phenol	NELAP	0.395		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Pyridine	NELAP	0.565		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
1,2-Diphenylhydrazine		0.949		ND	mg/Kg-dry	1	06/20/2011 23:07	69064
Surr: 2,4,6-Tribromophenol		32.7-130		72.2	%REC	1	06/20/2011 23:07	69064
Surr: 2-Fluorobiphenyl		34.1-116		61.7	%REC	1	06/20/2011 23:07	69064
Surr: 2-Fluorophenol		30.5-99		66.9	%REC	1	06/20/2011 23:07	69064
Surr: Nitrobenzene-d5		34.1-101		71.7	%REC	1	06/20/2011 23:07	69064
Surr: Phenol-d5		34.9-110		62.2	%REC	1	06/20/2011 23:07	69064
Surr: p-Terphenyl-d14		41.7-124		70.0	%REC	1	06/20/2011 23:07	69064

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	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,1,1-Trichloroethane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,1,2,2-Tetrachloroethane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,1,2-Trichloro-1,2,2-trifluoroethane		7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,1,2-Trichloroethane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,1-Dichloro-2-propanone		79.1		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,1-Dichloroethane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,1-Dichloroethene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,1-Dichloropropene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,2,3-Trichlorobenzene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,2,3-Trichloropropane	NELAP	15.8		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,2,3-Trimethylbenzene		7.9	J	2.6	µg/Kg-dry	1	06/16/2011 18:39	69037
1,2,4-Trichlorobenzene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,2,4-Trimethylbenzene	NELAP	7.9	J	1.6	µg/Kg-dry	1	06/16/2011 18:39	69037
1,2-Dibromo-3-chloropropane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,2-Dibromoethane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,2-Dichlorobenzene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,2-Dichloroethane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,2-Dichloropropane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,3,5-Trimethylbenzene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,3-Dichlorobenzene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,3-Dichloropropane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1,4-Dichlorobenzene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
1-Chlorobutane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
2,2-Dichloropropane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
2-Butanone	NELAP	79.1	J	25	µg/Kg-dry	1	06/16/2011 18:39	69037
2-Chlorotoluene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
2-Hexanone	NELAP	79.1		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
2-Nitropropane	NELAP	79.1		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
4-Chlorotoluene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
4-Methyl-2-pentanone	NELAP	79.1		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Acetone	NELAP	79.1		423	µg/Kg-dry	1	06/16/2011 18:39	69037
Acrolein	NELAP	158		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Acrylonitrile	NELAP	15.8		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Allyl chloride	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037

Client: PSC Industrial Outsourcing, LP

Work Order: 11060730

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 23-Jun-11

Lab ID: 11060730-002

Client Sample ID: P9-D1-W (24 ft)

Matrix: SOLID

Collection Date: 06/10/2011 12:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	1.6		4.0	µg/Kg-dry	1	06/16/2011 18:39	69037
Bromobenzene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Bromochloromethane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Bromodichloromethane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Bromoform	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Bromomethane	NELAP	15.8		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Carbon disulfide	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Carbon tetrachloride	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Chlorobenzene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Chloroethane	NELAP	15.8		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Chloroform	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Chloromethane	NELAP	15.8		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
cis-1,2-Dichloroethene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
cis-1,3-Dichloropropene	NELAP	6.3		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Cyclohexanone		158		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Dibromochloromethane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Dibromomethane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Dichlorodifluoromethane	NELAP	15.8		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Ethyl acetate	NELAP	79.1		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Ethyl ether	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Ethyl methacrylate	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Ethylbenzene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Heptane		31.6		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Hexachlorobutadiene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Hexachloroethane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Iodomethane	NELAP	15.8		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Isopropylbenzene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
m,p-Xylenes	NELAP	7.9	J	2.6	µg/Kg-dry	1	06/16/2011 18:39	69037
Methacrylonitrile	NELAP	79.1		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Methyl Methacrylate	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Methyl tert-butyl ether	NELAP	3.2		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Methylacrylate		15.8		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Methylene chloride	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Naphthalene	NELAP	15.8	J	5.0	µg/Kg-dry	1	06/16/2011 18:39	69037
n-Butylbenzene	NELAP	7.9	J	1.6	µg/Kg-dry	1	06/16/2011 18:39	69037
n-Hexane		31.6	J	4.8	µg/Kg-dry	1	06/16/2011 18:39	69037
Nitrobenzene	NELAP	158		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
n-Propylbenzene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
o-Xylene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Pentachloroethane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
p-Isopropyltoluene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Propionitrile	NELAP	79.1		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
sec-Butylbenzene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Styrene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
tert-Butylbenzene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Tetrachloroethene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Tetrahydrofuran	NELAP	79.1		ND	µg/Kg-dry	1	06/16/2011 18:39	69037



## Laboratory Results

<http://www.teklabinc.com/>

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

**Lab ID:** 11060730-002

**Client Sample ID:** P9-D1-W (24 ft)

**Matrix:** SOLID

**Collection Date:** 06/10/2011 12:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Toluene	NELAP	7.9	J	3.7	µg/Kg-dry	1	06/16/2011 18:39	69037
trans-1,2-Dichloroethene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
trans-1,3-Dichloropropene	NELAP	6.3		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Trichloroethene	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Trichlorofluoromethane	NELAP	7.9		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Vinyl acetate	NELAP	79.1		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Vinyl chloride	NELAP	3.2		ND	µg/Kg-dry	1	06/16/2011 18:39	69037
Surr: 1,2-Dichloroethane-d4		72.2-131		97.1	%REC	1	06/16/2011 18:39	69037
Surr: 4-Bromofluorobenzene		82.1-116		82.7	%REC	1	06/16/2011 18:39	69037
Surr: Dibromofluoromethane		77.7-120		109.4	%REC	1	06/16/2011 18:39	69037
Surr: Toluene-d8		86-116	S	116.9	%REC	1	06/16/2011 18:39	69037

*Surrogate recovery and/or internal standard area was outside QC limits due to matrix interference.*



## Sample Summary

<http://www.teklabinc.com/>

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

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Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11060730-001	P9-E1-W (24 ft)	Solid	4	06/10/2011 12:10
11060730-002	P9-D1-W (24 ft)	Solid	4	06/10/2011 12:20

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## Dates Report

<http://www.teklabinc.com/>

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11060730-001A	P9-E1-W (24 ft)	06/10/2011 12:10	6/15/2011 2:30:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			06/15/2011 15:30
	Standard Methods 18th Ed. 2540 G			06/15/2011 15:30
	SW-846 3050B, 6010B, Metals by ICP		06/17/2011 20:27	06/20/2011 18:01
	SW-846 3050B, Metals by GFAA		06/20/2011 14:13	06/21/2011 9:08
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/20/2011 17:47	06/21/2011 12:33
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		06/20/2011 12:58	06/20/2011 21:31
	SW-846 7471A		06/16/2011 9:52	06/16/2011 12:50
	SW-846 9012A			06/20/2011 9:18
	SW-846 9012A (Total)			06/20/2011 9:18
11060730-001D	P9-E1-W (24 ft)	06/10/2011 12:10	6/15/2011 2:30:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/16/2011 18:07
11060730-002A	P9-D1-W (24 ft)	06/10/2011 12:20	6/15/2011 2:30:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			06/15/2011 15:00
	Standard Methods 18th Ed. 2540 G			06/15/2011 15:30
	SW-846 3050B, 6010B, Metals by ICP		06/17/2011 20:27	06/20/2011 18:30
	SW-846 3050B, Metals by GFAA		06/20/2011 14:13	06/21/2011 9:18
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		06/20/2011 17:47	06/21/2011 14:24
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		06/20/2011 12:58	06/20/2011 23:07
	SW-846 7471A		06/16/2011 9:52	06/16/2011 16:00
	SW-846 9012A			06/17/2011 8:27
	SW-846 9012A (Total)			06/17/2011 8:27
11060730-002D	P9-D1-W (24 ft)	06/10/2011 12:20	6/15/2011 2:30:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			06/16/2011 18:39

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

**STANDARD METHODS 18TH ED. 2540 G**

Batch R150814		SampType: LCS		Units %						Date Analyzed
SampID: LCS-R150814										
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	06/15/2011	

Batch R150814		SampType: LCSQC		Units %						Date Analyzed
SampID: LCSQC-R150814										
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	06/15/2011	

Batch R150814		SampType: DUP		Units %		RPD Limit 15				Date Analyzed
SampID: 11060730-001ADUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Solids	0.1		88.2				88.33	0.09	06/15/2011	

**SW-846 9012A (TOTAL)**

Batch R150856		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-R150856										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.01		< 0.01						06/17/2011	

Batch R150856		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-R150856										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.01		0.03	0.02	0	104.9	85	115	06/17/2011	
Cyanide	0.01		0.02	0.02	0	95.9	85	115	06/17/2011	
Cyanide	0.01		0.03	0.02	0	112.4	85	115	06/16/2011	

Batch R150994		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-R150994										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.01		< 0.01						06/20/2011	

Batch R150994		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-R150994										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.01		0.02	0.02	0	89.1	85	115	06/20/2011	

Batch R150994		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11060730-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.57	JS	0.32	1.42	0	23.0	75	125	06/20/2011	



## Quality Control Results

<http://www.teklabinc.com/>

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

### SW-846 9012A (TOTAL)

Batch R150994		SampType: MSD		Units mg/Kg-dry				RPD Limit 15		Date Analyzed
SampID: 11060730-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.57	JS	0.50	1.42	0	35.6	0.3249	0.00	06/20/2011	

### SW-846 3050B, 6010B, METALS BY ICP

Batch 69051		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
SampID: MB-69051										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic	2.50		< 2.50	2.50	0	0	-100	100	06/20/2011	
Barium	0.50		< 0.50	0.50	0	0	-100	100	06/20/2011	
Cadmium	0.20		< 0.20	0.20	0	0	-100	100	06/20/2011	
Chromium	1.00		< 1.00	1.00	0	0	-100	100	06/20/2011	
Lead	4.00		< 4.00	4.00	0	0	-100	100	06/20/2011	
Silver	0.55		< 0.55	0.55	0	0	-100	100	06/20/2011	

Batch 69051		SampType: LCS		Units mg/Kg-dry						Date Analyzed
SampID: LCS-69051										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic	2.50		187	200	0	93.6	85	115	06/20/2011	
Barium	0.50		193	200	0	96.6	85	115	06/20/2011	
Cadmium	0.20		4.71	5.00	0	94.2	85	115	06/20/2011	
Chromium	1.00		19.0	20.0	0	95.0	85	115	06/20/2011	
Lead	4.00		47.0	50.0	0	94.1	85	115	06/20/2011	
Silver	0.55		4.75	5.00	0	95.0	85	115	06/20/2011	

Batch 69051		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11060730-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic	2.50		176	200	5.530	85.0	75	125	06/20/2011	
Barium	0.50		191	200	20.74	85.0	75	125	06/20/2011	
Cadmium	0.20		4.11	5.00	0.1400	79.4	75	125	06/20/2011	
Chromium	1.00		34.0	20.0	17.28	83.8	75	125	06/20/2011	
Lead	4.00		48.7	50.0	8.540	80.3	75	125	06/20/2011	
Silver	0.55		4.47	5.00	0	89.4	75	125	06/20/2011	

Batch 69051		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11060730-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Arsenic	2.50		176	200	5.530	85.4	175.5	0.45	06/20/2011	
Barium	0.50		196	200	20.74	87.5	190.7	2.59	06/20/2011	
Cadmium	0.20		4.19	5.00	0.1400	81.0	4.110	1.93	06/20/2011	
Chromium	1.00		35.7	20.0	17.28	92.3	34.04	4.87	06/20/2011	
Lead	4.00		48.4	50.0	8.540	79.8	48.67	0.47	06/20/2011	
Silver	0.55		4.56	5.00	0	91.2	4.470	1.99	06/20/2011	

### SW-846 3050B, METALS BY GFAA

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

**SW-846 3050B, METALS BY GFAA**

Batch 69073		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	0.600		< 0.600	0.600	0	0	-100	100	06/21/2011	

Batch 69073		SampType: LCS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	0.600		2.57	3.00	0	85.7	80	120	06/21/2011	

Batch 69073		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	0.577		2.07	2.88	0	71.7	70	130	06/21/2011	

Batch 69073		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	0.577		2.02	2.88	0	70.2	2.069	2.16	06/21/2011	

**SW-846 7471A**

Batch 69002		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	06/16/2011	

Batch 69002		SampType: LCS		Units mg/Kg						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.010		0.286	0.250	0	114.2	85	115	06/16/2011	

Batch 69002		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.011		0.338	0.282	0.007909	117.0	75	125	06/16/2011	

Batch 69002		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		0.337	0.282	0.007909	116.6	0.3384	0.33	06/16/2011	

**SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

**SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 68964		SampType: MBLK		Units mg/Kg						
SampID: MB-68964										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		ND						06/20/2011	
Acenaphthylene	0.003		ND						06/20/2011	
Anthracene	0.003		ND						06/20/2011	
Benzo(a)anthracene	0.003		ND						06/20/2011	
Benzo(a)pyrene	0.003		ND						06/20/2011	
Benzo(b)fluoranthene	0.003		ND						06/20/2011	
Benzo(g,h,i)perylene	0.003		ND						06/20/2011	
Benzo(k)fluoranthene	0.003		ND						06/20/2011	
Bis(2-ethylhexyl)phthalate	0.067		0.393						06/20/2011	
Chrysene	0.003		ND						06/20/2011	
Dibenzo(a,h)anthracene	0.003		ND						06/20/2011	
Fluoranthene	0.003		ND						06/20/2011	
Fluorene	0.003		ND						06/20/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						06/20/2011	
Naphthalene	0.003		ND						06/20/2011	
Phenanthrene	0.003		ND						06/20/2011	
Pyrene	0.003		ND						06/20/2011	
Surr: 2-Fluorobiphenyl			0.142	0.167		85.2	45.7	89.2	06/20/2011	
Surr: Nitrobenzene-d5			0.131	0.167		78.2	31.4	100	06/20/2011	
Surr: p-Terphenyl-d14			0.166	0.167		99.2	53.3	124	06/20/2011	

Batch 68964		SampType: LCS		Units mg/Kg						
SampID: LCS-68964										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		0.148	0.167	0	88.8	56.3	115	06/20/2011	
Acenaphthylene	0.003		0.144	0.167	0	86.2	60.3	143	06/20/2011	
Anthracene	0.003		0.135	0.167	0	80.8	52.1	109	06/20/2011	
Benzo(a)anthracene	0.003		0.129	0.167	0	77.2	52.8	112	06/20/2011	
Benzo(a)pyrene	0.003		0.128	0.167	0	76.8	40.8	127	06/20/2011	
Benzo(b)fluoranthene	0.003		0.145	0.167	0	86.8	50.1	150	06/20/2011	
Benzo(g,h,i)perylene	0.003		0.152	0.167	0	90.8	52.8	145	06/20/2011	
Benzo(k)fluoranthene	0.003		0.148	0.167	0	88.6	52	153	06/20/2011	
Bis(2-ethylhexyl)phthalate	0.067	BS	0.328	0.167	0	196.2	50	150	06/20/2011	
Chrysene	0.003		0.140	0.167	0	84.0	60.8	128	06/20/2011	
Dibenzo(a,h)anthracene	0.003		0.160	0.167	0	95.8	54.9	150	06/20/2011	
Fluoranthene	0.003		0.144	0.167	0	86.2	58.7	125	06/20/2011	
Fluorene	0.003		0.154	0.167	0	92.0	57.8	125	06/20/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.154	0.167	0	92.2	52	147	06/20/2011	
Naphthalene	0.003		0.131	0.167	0	78.4	54.8	113	06/20/2011	
Phenanthrene	0.003		0.140	0.167	0	84.0	60.4	121	06/20/2011	
Pyrene	0.003		0.147	0.167	0	88.0	57.9	129	06/20/2011	
Surr: 2-Fluorobiphenyl			0.128	0.167		76.8	45.7	89.2	06/20/2011	
Surr: Nitrobenzene-d5			0.118	0.167		70.5	31.4	100	06/20/2011	
Surr: p-Terphenyl-d14			0.150	0.167		89.8	53.3	124	06/20/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

**SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 68996		SampType: MBLK		Units %REC						
SampID: MB-68996										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.568	0.835		68.0	46.3	106	06/17/2011	
Surr: Nitrobenzene-d5			0.562	0.835		67.2	42.4	99.2	06/17/2011	

Batch 68996		SampType: LCS		Units %REC						
SampID: LCSDRO-68996										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl		S	0.379	0.835		45.4	46.3	106	06/17/2011	
Surr: Nitrobenzene-d5			0.376	0.835		45.0	42.4	99.2	06/17/2011	

Batch 69064		SampType: MBLK		Units %REC						
SampID: MB-69064										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.644	0.835		77.1	46.3	106	06/21/2011	
Surr: Nitrobenzene-d5			0.637	0.835		76.3	42.4	99.2	06/21/2011	

Batch 69064		SampType: LCS		Units %REC						
SampID: LCS-69064										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.590	0.835		70.6	46.3	106	06/21/2011	
Surr: Nitrobenzene-d5			0.779	0.835		93.2	42.4	99.2	06/21/2011	

Batch 69064		SampType: LCS		Units %REC						
SampID: LCSDRO-69064										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.621	0.835		74.4	46.3	106	06/21/2011	
Surr: Nitrobenzene-d5			0.598	0.835		71.6	42.4	99.2	06/21/2011	

Batch 69084		SampType: MBLK		Units mg/Kg						
SampID: MB-69084										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		ND						06/21/2011	
Acenaphthylene	0.003		ND						06/21/2011	
Anthracene	0.003		ND						06/21/2011	
Benzo(a)anthracene	0.003		ND						06/21/2011	
Benzo(a)pyrene	0.003		ND						06/21/2011	
Benzo(b)fluoranthene	0.003		ND						06/21/2011	
Benzo(g,h,i)perylene	0.003		ND						06/21/2011	
Benzo(k)fluoranthene	0.003		ND						06/21/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						06/21/2011	
Chrysene	0.003		ND						06/21/2011	
Dibenzo(a,h)anthracene	0.003		ND						06/21/2011	
Fluoranthene	0.003		ND						06/21/2011	
Fluorene	0.003		ND						06/21/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						06/21/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11060730

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 23-Jun-11

### SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 69084 SampType: MBLK Units mg/Kg

SampID: MB-69084

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Naphthalene	0.003		ND						06/21/2011
Phenanthrene	0.003		ND						06/21/2011
Pyrene	0.003		ND						06/21/2011
Surr: 2-Fluorobiphenyl			0.134	0.167		80.0	45.7	89.2	06/21/2011
Surr: Nitrobenzene-d5			0.120	0.167		72.1	31.4	100	06/21/2011
Surr: p-Terphenyl-d14			0.132	0.167		79.0	53.3	124	06/21/2011

Batch 69084 SampType: LCS Units mg/Kg

SampID: LCS-69084

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.003		0.151	0.167	0	90.6	56.3	115	06/21/2011
Acenaphthylene	0.003		0.146	0.167	0	87.6	60.3	143	06/21/2011
Anthracene	0.003		0.144	0.167	0	86.2	52.1	109	06/21/2011
Benzo(a)anthracene	0.003		0.140	0.167	0	83.8	52.8	112	06/21/2011
Benzo(a)pyrene	0.003		0.144	0.167	0	86.0	40.8	127	06/21/2011
Benzo(b)fluoranthene	0.003		0.156	0.167	0	93.6	50.1	150	06/21/2011
Benzo(g,h,i)perylene	0.003		0.164	0.167	0	98.4	52.8	145	06/21/2011
Benzo(k)fluoranthene	0.003		0.159	0.167	0	95.0	52	153	06/21/2011
Bis(2-ethylhexyl)phthalate	0.067		0.124	0.167	0	74.5	50	150	06/21/2011
Chrysene	0.003		0.153	0.167	0	91.4	60.8	128	06/21/2011
Dibenzo(a,h)anthracene	0.003		0.171	0.167	0	102.4	54.9	150	06/21/2011
Fluoranthene	0.003		0.161	0.167	0	96.6	58.7	125	06/21/2011
Fluorene	0.003		0.165	0.167	0	98.8	57.8	125	06/21/2011
Indeno(1,2,3-cd)pyrene	0.003		0.165	0.167	0	99.0	52	147	06/21/2011
Naphthalene	0.003		0.134	0.167	0	80.4	54.8	113	06/21/2011
Phenanthrene	0.003		0.148	0.167	0	88.4	60.4	121	06/21/2011
Pyrene	0.003		0.163	0.167	0	97.8	57.9	129	06/21/2011
Surr: 2-Fluorobiphenyl			0.114	0.167		68.3	45.7	89.2	06/21/2011
Surr: Nitrobenzene-d5			0.093	0.167		55.5	31.4	100	06/21/2011
Surr: p-Terphenyl-d14			0.133	0.167		79.4	53.3	124	06/21/2011

Batch 69084 SampType: MS Units mg/Kg-dry

SampID: 11060730-001AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.004		0.181	0.188	0	96.0	36	135	06/21/2011
Acenaphthylene	0.004		0.168	0.188	0	89.2	17.2	167	06/21/2011
Anthracene	0.004		0.173	0.188	0	92.0	39.3	124	06/21/2011
Benzo(a)anthracene	0.004		0.158	0.188	0	84.0	10	183	06/21/2011
Benzo(a)pyrene	0.004		0.172	0.188	0	91.4	10	204	06/21/2011
Benzo(b)fluoranthene	0.004		0.178	0.188	0	94.2	10.6	178	06/21/2011
Benzo(g,h,i)perylene	0.004		0.196	0.188	0	104.2	10	168	06/21/2011
Benzo(k)fluoranthene	0.004		0.184	0.188	0	97.4	27.6	181	06/21/2011
Bis(2-ethylhexyl)phthalate	0.076		0.142	0.188	0	75.2	50	150	06/21/2011
Chrysene	0.004		0.178	0.188	0	94.6	10	176	06/21/2011
Dibenzo(a,h)anthracene	0.004		0.194	0.188	0	102.8	12.2	156	06/21/2011
Fluoranthene	0.004		0.192	0.188	0	101.8	10	227	06/21/2011

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**SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 69084		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11060730-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluorene	0.004		0.188	0.188	0	99.6	35.2	148	06/21/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.194	0.188	0	102.8	10	164	06/21/2011	
Naphthalene	0.004		0.167	0.188	0.004912	86.2	14.7	128	06/21/2011	
Phenanthrene	0.004		0.175	0.188	0	92.6	32.8	143	06/21/2011	
Pyrene	0.004		0.190	0.188	0	100.6	10	180	06/21/2011	
Surr: p-Terphenyl-d14			0.154	0.188		81.6	30.6	131	06/21/2011	

Batch 69084		SampType: MSD		Units mg/Kg-dry						RPD Limit 49.7	Date Analyzed
SampID: 11060730-001AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Acenaphthene	0.004		0.215	0.189	0	113.6	0.1809	17.29	06/22/2011		
Acenaphthylene	0.004		0.208	0.189	0	109.6	0.1681	21.01	06/22/2011		
Anthracene	0.004		0.206	0.189	0	108.6	0.1734	17.05	06/22/2011		
Benzo(a)anthracene	0.004		0.183	0.189	0	96.4	0.1583	14.25	06/22/2011		
Benzo(a)pyrene	0.004		0.195	0.189	0	103.0	0.1723	12.44	06/22/2011		
Benzo(b)fluoranthene	0.004		0.209	0.189	0	110.6	0.1775	16.51	06/22/2011		
Benzo(g,h,i)perylene	0.004		0.197	0.189	0	104.0	0.1963	0.34	06/22/2011		
Benzo(k)fluoranthene	0.004		0.217	0.189	0	114.6	0.1835	16.73	06/22/2011		
Bis(2-ethylhexyl)phthalate	0.076		0.195	0.189	0	102.8	0.1418	31.46	06/22/2011		
Chrysene	0.004		0.200	0.189	0	105.6	0.1783	11.50	06/22/2011		
Dibenzo(a,h)anthracene	0.004		0.216	0.189	0	114.2	0.1937	11.02	06/22/2011		
Fluoranthene	0.004		0.185	0.189	0	97.4	0.1918	3.88	06/22/2011		
Fluorene	0.004		0.213	0.189	0	112.4	0.1877	12.58	06/22/2011		
Indeno(1,2,3-cd)pyrene	0.004		0.201	0.189	0	106.2	0.1937	3.78	06/22/2011		
Naphthalene	0.004		0.201	0.189	0.004912	103.6	0.1674	18.34	06/22/2011		
Phenanthrene	0.004		0.202	0.189	0	106.6	0.1745	14.56	06/22/2011		
Pyrene	0.004		0.198	0.189	0	104.4	0.1896	4.23	06/22/2011		
Surr: p-Terphenyl-d14			0.138	0.189		72.9			06/22/2011		

**SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 68996		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-68996										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		ND						06/17/2011	
1,2-Dichlorobenzene	0.500		ND						06/17/2011	
1,3-Dichlorobenzene	0.500		ND						06/17/2011	
1,4-Dichlorobenzene	0.500		ND						06/17/2011	
2,4,5-Trichlorophenol	0.350		ND						06/17/2011	
2,4,6-Trichlorophenol	0.350		ND						06/17/2011	
2,4-Dichlorophenol	0.500		ND						06/17/2011	
2,4-Dimethylphenol	0.500		ND						06/17/2011	
2,4-Dinitrophenol	1.00		ND						06/17/2011	
2,4-Dinitrotoluene	0.350		ND						06/17/2011	
2,6-Dinitrotoluene	0.350		ND						06/17/2011	
2-Chloronaphthalene	0.350		ND						06/17/2011	
2-Chlorophenol	0.500		ND						06/17/2011	

Client: PSC Industrial Outsourcing, LP

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## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 68996	SampType: MBLK	Units mg/Kg											
SampID: MB-68996				Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
				2-Methoxy-4-methylphenol	0.650		ND						06/17/2011
				2-Methylnaphthalene	0.350		ND						06/17/2011
				2-Nitroaniline	1.00		ND						06/17/2011
				2-Nitrophenol	0.350		ND						06/17/2011
				3,3'-Dichlorobenzidine	0.350		ND						06/17/2011
				3-Nitroaniline	1.00		ND						06/17/2011
				4,6-Dinitro-2-methylphenol	1.00		ND						06/17/2011
				4-Bromophenyl phenyl ether	0.350		ND						06/17/2011
				4-Chloro-3-methylphenol	0.500		ND						06/17/2011
				4-Chloroaniline	0.500		ND						06/17/2011
				4-Chlorophenyl phenyl ether	0.350		ND						06/17/2011
				4-Nitroaniline	0.500		ND						06/17/2011
				4-Nitrophenol	0.350		ND						06/17/2011
				Aniline	0.500		ND						06/17/2011
				Azobenzene	0.350		ND						06/17/2011
				Benzidine	1.06		ND						06/17/2011
				Benzoic acid	1.50		ND						06/17/2011
				Benzyl alcohol	0.500		ND						06/17/2011
				Bis(2-chloroethoxy)methane	0.350		ND						06/17/2011
				Bis(2-chloroethyl)ether	0.500		ND						06/17/2011
				Bis(2-chloroisopropyl)ether	0.350		ND						06/17/2011
				Butyl benzyl phthalate	0.350		ND						06/17/2011
				Carbazole	0.500		ND						06/17/2011
				Dibenzofuran	0.350		ND						06/17/2011
				Diethyl phthalate	0.500		ND						06/17/2011
				Dimethyl phthalate	0.350		ND						06/17/2011
				Di-n-butyl phthalate	0.350		ND						06/17/2011
				Di-n-octyl phthalate	0.350		ND						06/17/2011
				Hexachlorobenzene	0.350		ND						06/17/2011
				Hexachlorobutadiene	0.500		ND						06/17/2011
				Hexachlorocyclopentadiene	0.350		ND						06/17/2011
				Hexachloroethane	0.500		ND						06/17/2011
				Isophorone	0.350		ND						06/17/2011
				m,p-Cresol	0.500		ND						06/17/2011
				Nitrobenzene	0.500		ND						06/17/2011
				N-Nitrosodimethylamine	0.500		ND						06/17/2011
				N-Nitroso-di-n-propylamine	0.500		ND						06/17/2011
				N-Nitrosodiphenylamine	0.500		ND						06/17/2011
				o-Cresol	0.500		ND						06/17/2011
				Pentachlorophenol	2.00		ND						06/17/2011
				Phenol	0.350		ND						06/17/2011
				Pyridine	0.500		ND						06/17/2011
				1,2-Diphenylhydrazine	0.840		ND						06/17/2011
				Surr: 2,4,6-Tribromophenol			1.01	1.67	60.6		52.1	113	06/17/2011
				Surr: 2-Fluorobiphenyl			0.713	0.835	85.4		46.3	106	06/17/2011
				Surr: 2-Fluorophenol			1.41	1.67	84.4		50.6	89	06/17/2011
				Surr: Nitrobenzene-d5			0.780	0.835	93.4		42.4	99.2	06/17/2011

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**SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

**Batch 68996**      **SampType: MBLK**      Units **mg/Kg**

SampID: MB-68996

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: Phenol-d5			<b>1.40</b>	1.67		84.0	55.9	98.5	06/17/2011
Surr: p-Terphenyl-d14			<b>0.892</b>	0.835		106.8	45.5	115	06/17/2011
Surr: p-Terphenyl-d14			<b>0.677</b>	0.835		81.1	45.5	115	06/17/2011

**Batch 68996**      **SampType: LCS**      Units **mg/Kg**

SampID: LCS-68996

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trichlorobenzene	0.500		<b>0.769</b>	1.67	0	46.1	43.9	92.2	06/17/2011
1,4-Dichlorobenzene	0.500		<b>0.766</b>	1.67	0	45.9	43.8	84.1	06/17/2011
2,4,5-Trichlorophenol	0.350		<b>1.96</b>	3.33	0	58.8	38.6	123	06/17/2011
2,4,6-Trichlorophenol	0.350		<b>1.99</b>	3.33	0	59.9	35.9	123	06/17/2011
2,4-Dimethylphenol	0.500		<b>1.67</b>	3.33	0	50.0	38.3	88	06/17/2011
2,4-Dinitrophenol	1.00		<b>1.75</b>	3.33	0	52.6	1.88	162	06/17/2011
2,4-Dinitrotoluene	0.350		<b>0.928</b>	1.67	0	55.6	48.6	102	06/17/2011
2-Chlorophenol	0.500		<b>1.68</b>	3.33	0	50.3	46.6	84	06/17/2011
4-Chloro-3-methylphenol	0.500		<b>1.91</b>	3.33	0	57.4	51.5	94.9	06/17/2011
4-Nitrophenol	0.350		<b>2.00</b>	3.33	0	60.0	53.2	104	06/17/2011
Diethyl phthalate	0.500		<b>1.98</b>	3.33	0	59.4	51.7	106	06/17/2011
Dimethyl phthalate	0.350	S	<b>1.90</b>	3.33	0	57.2	58.8	104	06/17/2011
Di-n-butyl phthalate	0.350		<b>0.971</b>	1.67	0	58.2	54.3	105	06/17/2011
Hexachlorobenzene	0.350		<b>2.05</b>	3.33	0	61.5	55.9	106	06/17/2011
Hexachlorobutadiene	0.500		<b>1.88</b>	3.33	0	56.5	35.7	100	06/17/2011
Hexachloroethane	0.500		<b>1.64</b>	3.33	0	49.4	38.9	89.9	06/17/2011
m,p-Cresol	0.500		<b>0.910</b>	1.67	0	54.5	37.6	93.7	06/17/2011
Nitrobenzene	0.500	S	<b>1.63</b>	3.33	0	48.9	51.8	104	06/17/2011
N-Nitroso-di-n-propylamine	0.500		<b>0.848</b>	1.67	0	50.8	49.1	94.5	06/17/2011
o-Cresol	0.500		<b>0.826</b>	1.67	0	49.5	43	101	06/17/2011
Pentachlorophenol	2.00	J	<b>1.8</b>	3.33	0	55.7	42.2	102	06/17/2011
Phenol	0.350		<b>1.62</b>	3.33	0	48.5	41.6	81.3	06/17/2011
Pyridine	0.500		<b>1.29</b>	3.33	0	38.8	3.61	74.3	06/17/2011
Surr: 2,4,6-Tribromophenol			<b>0.938</b>	1.67		56.1	52.1	113	06/17/2011
Surr: 2-Fluorobiphenyl		S	<b>0.373</b>	0.835		44.7	46.3	106	06/17/2011
Surr: 2-Fluorophenol		S	<b>0.750</b>	1.67		44.9	50.6	89	06/17/2011
Surr: Nitrobenzene-d5			<b>0.381</b>	0.835		45.7	42.4	99.2	06/17/2011
Surr: Phenol-d5		S	<b>0.759</b>	1.67		45.5	55.9	98.5	06/17/2011
Surr: p-Terphenyl-d14			<b>0.458</b>	0.835		54.8	45.5	115	06/17/2011

**Batch 68996**      **SampType: LCS**      Units **%REC**

SampID: LCSDRO-68996

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: p-Terphenyl-d14			<b>0.476</b>	0.835		57.0	45.5	115	06/17/2011

**Batch 69064**      **SampType: MBLK**      Units **mg/Kg**

SampID: MB-69064

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trichlorobenzene	0.500		<b>ND</b>						06/20/2011

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## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 69064 SampType: MBLK Units mg/Kg

SampID: MB-69064

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2-Dichlorobenzene	0.500		ND						06/20/2011
1,3-Dichlorobenzene	0.500		ND						06/20/2011
1,4-Dichlorobenzene	0.500		ND						06/20/2011
2,4,5-Trichlorophenol	0.350		ND						06/20/2011
2,4,6-Trichlorophenol	0.350		ND						06/20/2011
2,4-Dichlorophenol	0.500		ND						06/20/2011
2,4-Dimethylphenol	0.500		ND						06/20/2011
2,4-Dinitrophenol	1.00		ND						06/20/2011
2,4-Dinitrotoluene	0.350		ND						06/20/2011
2,6-Dinitrotoluene	0.350		ND						06/20/2011
2-Chloronaphthalene	0.350		ND						06/20/2011
2-Chlorophenol	0.500		ND						06/20/2011
2-Methoxy-4-methylphenol	0.650		ND						06/20/2011
2-Methylnaphthalene	0.350		ND						06/20/2011
2-Nitroaniline	1.00		ND						06/20/2011
2-Nitrophenol	0.350		ND						06/20/2011
3,3'-Dichlorobenzidine	0.350		ND						06/20/2011
3-Nitroaniline	1.00		ND						06/20/2011
4,6-Dinitro-2-methylphenol	1.00		ND						06/20/2011
4-Bromophenyl phenyl ether	0.350		ND						06/20/2011
4-Chloro-3-methylphenol	0.500		ND						06/20/2011
4-Chloroaniline	0.500		ND						06/20/2011
4-Chlorophenyl phenyl ether	0.350		ND						06/20/2011
4-Nitroaniline	0.500		ND						06/20/2011
4-Nitrophenol	0.350		ND						06/20/2011
Aniline	0.500		ND						06/20/2011
Azobenzene	0.350		ND						06/20/2011
Benzidine	1.06		ND						06/20/2011
Benzoic acid	1.50		ND						06/20/2011
Benzyl alcohol	0.500		ND						06/20/2011
Bis(2-chloroethoxy)methane	0.350		ND						06/20/2011
Bis(2-chloroethyl)ether	0.500		ND						06/20/2011
Bis(2-chloroisopropyl)ether	0.350		ND						06/20/2011
Butyl benzyl phthalate	0.350		ND						06/20/2011
Carbazole	0.500		ND						06/20/2011
Dibenzofuran	0.350		ND						06/20/2011
Diethyl phthalate	0.500		ND						06/20/2011
Dimethyl phthalate	0.350		ND						06/20/2011
Di-n-butyl phthalate	0.350		ND						06/20/2011
Di-n-octyl phthalate	0.350		ND						06/20/2011
Hexachlorobenzene	0.350		ND						06/20/2011
Hexachlorobutadiene	0.500		ND						06/20/2011
Hexachlorocyclopentadiene	0.350		ND						06/20/2011
Hexachloroethane	0.500		ND						06/20/2011
Isophorone	0.350		ND						06/20/2011
m,p-Cresol	0.500		ND						06/20/2011
Nitrobenzene	0.500		ND						06/20/2011

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Report Date: 23-Jun-11

## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 69064		SampType: MBLK		Units mg/Kg						
SampID: MB-69064										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
N-Nitrosodimethylamine	0.500		ND						06/20/2011	
N-Nitroso-di-n-propylamine	0.500		ND						06/20/2011	
N-Nitrosodiphenylamine	0.500		ND						06/20/2011	
o-Cresol	0.500		ND						06/20/2011	
Pentachlorophenol	2.00		ND						06/20/2011	
Phenol	0.350		ND						06/20/2011	
Pyridine	0.500		ND						06/20/2011	
1,2-Diphenylhydrazine	0.840		ND						06/20/2011	
Surr: 2,4,6-Tribromophenol			1.15	1.67		69.1	52.1	113	06/20/2011	
Surr: 2-Fluorobiphenyl			0.614	0.835		73.5	46.3	106	06/20/2011	
Surr: 2-Fluorophenol			1.19	1.67		71.1	50.6	89	06/20/2011	
Surr: Nitrobenzene-d5			0.627	0.835		75.1	42.4	99.2	06/20/2011	
Surr: Phenol-d5			1.11	1.67		66.3	55.9	98.5	06/20/2011	
Surr: p-Terphenyl-d14			0.760	0.835		91.0	45.5	115	06/20/2011	
Surr: p-Terphenyl-d14			0.796	0.835		95.4	45.5	115	06/21/2011	

Batch 69064		SampType: LCS		Units mg/Kg						
SampID: LCS-69064										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		1.17	1.67	0	69.9	43.9	92.2	06/20/2011	
1,4-Dichlorobenzene	0.500		1.11	1.67	0	66.8	43.8	84.1	06/20/2011	
2,4,5-Trichlorophenol	0.350		2.48	3.33	0	74.4	38.6	123	06/20/2011	
2,4,6-Trichlorophenol	0.350		2.97	3.33	0	89.3	35.9	123	06/20/2011	
2,4-Dimethylphenol	0.500		2.41	3.33	0	72.4	38.3	88	06/20/2011	
2,4-Dinitrophenol	1.00		2.29	3.33	0	68.7	1.88	162	06/20/2011	
2,4-Dinitrotoluene	0.350		1.28	1.67	0	76.6	48.6	102	06/20/2011	
2-Chlorophenol	0.500		2.21	3.33	0	66.3	46.6	84	06/20/2011	
4-Chloro-3-methylphenol	0.500		2.56	3.33	0	76.9	51.5	94.9	06/20/2011	
4-Nitrophenol	0.350		2.92	3.33	0	87.6	53.2	104	06/20/2011	
Diethyl phthalate	0.500		2.65	3.33	0	79.7	51.7	106	06/20/2011	
Dimethyl phthalate	0.350		2.71	3.33	0	81.5	58.8	104	06/20/2011	
Di-n-butyl phthalate	0.350		1.25	1.67	0	74.9	54.3	105	06/20/2011	
Hexachlorobenzene	0.350		3.13	3.33	0	93.9	55.9	106	06/20/2011	
Hexachlorobutadiene	0.500		2.77	3.33	0	83.2	35.7	100	06/20/2011	
Hexachloroethane	0.500		2.45	3.33	0	73.5	38.9	89.9	06/20/2011	
m,p-Cresol	0.500		1.25	1.67	0	75.1	37.6	93.7	06/20/2011	
Nitrobenzene	0.500		2.37	3.33	0	71.3	51.8	104	06/20/2011	
N-Nitroso-di-n-propylamine	0.500		1.16	1.67	0	69.2	49.1	94.5	06/20/2011	
o-Cresol	0.500		1.10	1.67	0	65.7	43	101	06/20/2011	
Pentachlorophenol	2.00		2.78	3.33	0	83.6	42.2	102	06/20/2011	
Phenol	0.350		2.17	3.33	0	65.0	41.6	81.3	06/20/2011	
Pyridine	0.500		2.02	3.33	0	60.7	3.61	74.3	06/20/2011	
Surr: 2,4,6-Tribromophenol			1.40	1.67		83.9	52.1	113	06/20/2011	
Surr: 2-Fluorobiphenyl			0.529	0.835		63.3	46.3	106	06/20/2011	
Surr: 2-Fluorophenol			1.02	1.67		61.1	50.6	89	06/20/2011	
Surr: Nitrobenzene-d5			0.518	0.835		62.0	42.4	99.2	06/20/2011	
Surr: Phenol-d5			1.05	1.67		62.8	55.9	98.5	06/20/2011	



Client: PSC Industrial Outsourcing, LP

Work Order: 11060730

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 23-Jun-11

### SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 69064		SampType: LCS		Units mg/Kg						
SampID: LCS-69064										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: p-Terphenyl-d14			0.639	0.835		76.6	45.5	115	06/20/2011	
Surr: p-Terphenyl-d14			0.766	0.835		91.7	45.5	115	06/21/2011	

Batch 69064		SampType: LCS		Units %REC						
SampID: LCSDRO-69064										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: p-Terphenyl-d14			0.785	0.835		94.0	45.5	115	06/21/2011	

Batch 69064		SampType: MS		Units mg/Kg-dry						
SampID: 11060730-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.564		1.34	1.88	0	71.0	35.9	102	06/20/2011	
1,4-Dichlorobenzene	0.564		1.27	1.88	0	67.4	29.8	95.5	06/20/2011	
2,4,5-Trichlorophenol	0.395		2.95	3.76	0	78.7	38.6	123	06/20/2011	
2,4,6-Trichlorophenol	0.395		3.37	3.76	0	89.8	35.9	123	06/20/2011	
2,4-Dimethylphenol	0.564		2.98	3.76	0	79.3	38.3	88	06/20/2011	
2,4-Dinitrophenol	1.13		2.03	3.76	0	54.2	1.88	162	06/20/2011	
2,4-Dinitrotoluene	0.395		1.38	1.88	0	73.2	37.5	107	06/20/2011	
2-Chlorophenol	0.564		2.60	3.76	0	69.2	22.6	108	06/20/2011	
4-Chloro-3-methylphenol	0.564		3.19	3.76	0	85.0	19.3	131	06/20/2011	
4-Nitrophenol	0.395		3.36	3.76	0	89.4	27.6	123	06/20/2011	
Diethyl phthalate	0.564		2.87	3.76	0	76.5	51.7	106	06/20/2011	
Dimethyl phthalate	0.395		3.09	3.76	0	82.2	58.8	104	06/20/2011	
Di-n-butyl phthalate	0.395		1.46	1.88	0	77.6	54.3	105	06/20/2011	
Hexachlorobenzene	0.395		3.56	3.76	0	94.7	55.9	106	06/20/2011	
Hexachlorobutadiene	0.564		3.33	3.76	0	88.6	35.7	100	06/20/2011	
Hexachloroethane	0.564		2.76	3.76	0	73.4	38.9	89.9	06/20/2011	
m,p-Cresol	0.564		1.52	1.88	0	81.0	37.6	93.7	06/20/2011	
Nitrobenzene	0.564		2.79	3.76	0	74.3	51.8	104	06/20/2011	
N-Nitroso-di-n-propylamine	0.564		1.30	1.88	0	69.2	45.5	99.1	06/20/2011	
o-Cresol	0.564		1.33	1.88	0	70.4	43	101	06/20/2011	
Pentachlorophenol	2.26		2.88	3.76	0	76.7	18.5	113	06/20/2011	
Phenol	0.395		2.68	3.76	0	71.4	20.8	110	06/20/2011	
Pyridine	0.564		2.51	3.76	0	66.9	3.61	74.3	06/20/2011	
Surr: 2,4,6-Tribromophenol			1.40	1.88		74.6	32.7	130	06/20/2011	
Surr: 2-Fluorobiphenyl			0.546	0.942		58.0	34.1	116	06/20/2011	
Surr: 2-Fluorophenol			1.20	1.88		63.9	30.5	99	06/20/2011	
Surr: Nitrobenzene-d5			0.610	0.942		64.8	34.1	101	06/20/2011	
Surr: Phenol-d5			1.19	1.88		63.2	34.9	110	06/20/2011	
Surr: p-Terphenyl-d14			0.732	0.942		77.8	41.7	124	06/20/2011	

Batch 69064		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		
SampID: 11060730-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,2,4-Trichlorobenzene	0.564		1.26	1.88	0	66.9	1.337	5.89	06/20/2011	
1,4-Dichlorobenzene	0.564		1.14	1.88	0	60.7	1.270	10.44	06/20/2011	

Client: PSC Industrial Outsourcing, LP

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## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 69064	SampType: MSD	Units mg/Kg-dry						RPD Limit 40		Date Analyzed
SampID: 11060730-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
2,4,5-Trichlorophenol	0.395		2.73	3.76	0	72.5	2.955	8.05	06/20/2011	
2,4,6-Trichlorophenol	0.395		3.09	3.76	0	82.3	3.371	8.59	06/20/2011	
2,4-Dimethylphenol	0.564		2.87	3.76	0	76.3	2.978	3.79	06/20/2011	
2,4-Dinitrophenol	1.13		1.83	3.76	0	48.6	2.033	10.80	06/20/2011	
2,4-Dinitrotoluene	0.395		1.31	1.88	0	69.8	1.379	4.76	06/20/2011	
2-Chlorophenol	0.564		2.35	3.76	0	62.5	2.598	10.03	06/20/2011	
4-Chloro-3-methylphenol	0.564		2.99	3.76	0	79.6	3.190	6.45	06/20/2011	
4-Nitrophenol	0.395		3.22	3.76	0	85.7	3.356	4.14	06/20/2011	
Diethyl phthalate	0.564		2.73	3.76	0	72.6	2.873	5.17	06/20/2011	
Dimethyl phthalate	0.395		2.95	3.76	0	78.6	3.088	4.49	06/20/2011	
Di-n-butyl phthalate	0.395		1.38	1.88	0	73.5	1.461	5.44	06/20/2011	
Hexachlorobenzene	0.395		3.38	3.76	0	89.9	3.557	5.20	06/20/2011	
Hexachlorobutadiene	0.564		2.97	3.76	0	79.0	3.325	11.34	06/20/2011	
Hexachloroethane	0.564		2.48	3.76	0	66.1	2.756	10.40	06/20/2011	
m,p-Cresol	0.564		1.40	1.88	0	74.0	1.525	8.89	06/20/2011	
Nitrobenzene	0.564		2.59	3.76	0	69.0	2.791	7.31	06/20/2011	
N-Nitroso-di-n-propylamine	0.564		1.22	1.88	0	64.7	1.304	6.76	06/20/2011	
o-Cresol	0.564		1.24	1.88	0	65.6	1.325	6.89	06/20/2011	
Pentachlorophenol	2.26		2.52	3.76	0	67.0	2.881	13.40	06/20/2011	
Phenol	0.395		2.41	3.76	0	64.1	2.680	10.67	06/20/2011	
Pyridine	0.564		2.23	3.76	0	59.3	2.511	12.00	06/20/2011	
Surr: 2,4,6-Tribromophenol			1.23	1.88		65.1			06/20/2011	
Surr: 2-Fluorobiphenyl			0.470	0.942		49.9			06/20/2011	
Surr: 2-Fluorophenol			1.07	1.88		56.9			06/20/2011	
Surr: Nitrobenzene-d5			0.537	0.942		57.0			06/20/2011	
Surr: Phenol-d5			1.13	1.88		59.7			06/20/2011	
Surr: p-Terphenyl-d14			0.640	0.942		67.9			06/20/2011	

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 69037	SampType: MBLK	Units µg/Kg								Date Analyzed
SampID: MBLK-F110616-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.00		ND						06/16/2011	
1,1,1-Trichloroethane	5.00		ND						06/16/2011	
1,1,2,2-Tetrachloroethane	5.00		ND						06/16/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		ND						06/16/2011	
1,1,2-Trichloroethane	5.00		ND						06/16/2011	
1,1-Dichloro-2-propanone	50.0		ND						06/16/2011	
1,1-Dichloroethane	5.00		ND						06/16/2011	
1,1-Dichloroethene	5.00		ND						06/16/2011	
1,1-Dichloropropene	5.00		ND						06/16/2011	
1,2,3-Trichlorobenzene	5.00		ND						06/16/2011	
1,2,3-Trichloropropane	10.0		ND						06/16/2011	
1,2,3-Trimethylbenzene	5.00		ND						06/16/2011	
1,2,4-Trichlorobenzene	5.00		ND						06/16/2011	
1,2,4-Trimethylbenzene	5.00		ND						06/16/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

**Batch 69037**      **SampType: MBLK**      **Units µg/Kg**

SampID: MBLK-F110616-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2-Dibromo-3-chloropropane	5.00		ND						06/16/2011
1,2-Dibromoethane	5.00		ND						06/16/2011
1,2-Dichlorobenzene	5.00		ND						06/16/2011
1,2-Dichloroethane	5.00		ND						06/16/2011
1,2-Dichloropropane	5.00		ND						06/16/2011
1,3,5-Trimethylbenzene	5.00		ND						06/16/2011
1,3-Dichlorobenzene	5.00		ND						06/16/2011
1,3-Dichloropropane	5.00		ND						06/16/2011
1,4-Dichlorobenzene	5.00		ND						06/16/2011
1-Chlorobutane	5.00		ND						06/16/2011
2,2-Dichloropropane	5.00		ND						06/16/2011
2-Butanone	50.0		ND						06/16/2011
2-Chlorotoluene	5.00		ND						06/16/2011
2-Hexanone	50.0		ND						06/16/2011
2-Nitropropane	50.0		ND						06/16/2011
4-Chlorotoluene	5.00		ND						06/16/2011
4-Methyl-2-pentanone	50.0		ND						06/16/2011
Acetone	50.0		ND						06/16/2011
Acrolein	100		ND						06/16/2011
Acrylonitrile	10.0		ND						06/16/2011
Allyl chloride	5.00		ND						06/16/2011
Benzene	1.00		ND						06/16/2011
Bromobenzene	5.00		ND						06/16/2011
Bromochloromethane	5.00		ND						06/16/2011
Bromodichloromethane	5.00		ND						06/16/2011
Bromoform	5.00		ND						06/16/2011
Bromomethane	10.0		ND						06/16/2011
Carbon disulfide	5.00		ND						06/16/2011
Carbon tetrachloride	5.00		ND						06/16/2011
Chlorobenzene	5.00		ND						06/16/2011
Chloroethane	10.0		ND						06/16/2011
Chloroform	5.00		ND						06/16/2011
Chloromethane	10.0		ND						06/16/2011
cis-1,2-Dichloroethene	5.00		ND						06/16/2011
cis-1,3-Dichloropropene	4.00		ND						06/16/2011
Cyclohexanone	100		ND						06/16/2011
Dibromochloromethane	5.00		ND						06/16/2011
Dibromomethane	5.00		ND						06/16/2011
Dichlorodifluoromethane	10.0		ND						06/16/2011
Ethyl acetate	50.0		ND						06/16/2011
Ethyl ether	5.00		ND						06/16/2011
Ethyl methacrylate	5.00		ND						06/16/2011
Ethylbenzene	5.00		ND						06/16/2011
Heptane	20.0		ND						06/16/2011
Hexachlorobutadiene	5.00		ND						06/16/2011
Hexachloroethane	5.00		ND						06/16/2011
Iodomethane	10.0		ND						06/16/2011

Client: PSC Industrial Outsourcing, LP

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Report Date: 23-Jun-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 69037		SampType: MBLK		Units µg/Kg						
SampID: MBLK-F110616-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Isopropylbenzene	5.00		ND						06/16/2011	
m,p-Xylenes	5.00		ND						06/16/2011	
Methacrylonitrile	50.0		ND						06/16/2011	
Methyl Methacrylate	5.00		ND						06/16/2011	
Methyl tert-butyl ether	2.00		ND						06/16/2011	
Methylacrylate	10.0		ND						06/16/2011	
Methylene chloride	5.00	J	1.6						06/16/2011	
Naphthalene	10.0		ND						06/16/2011	
n-Butylbenzene	5.00		ND						06/16/2011	
n-Hexane	20.0		ND						06/16/2011	
Nitrobenzene	100		ND						06/16/2011	
n-Propylbenzene	5.00		ND						06/16/2011	
o-Xylene	5.00		ND						06/16/2011	
Pentachloroethane	5.00		ND						06/16/2011	
p-Isopropyltoluene	5.00		ND						06/16/2011	
Propionitrile	50.0		ND						06/16/2011	
sec-Butylbenzene	5.00		ND						06/16/2011	
Styrene	5.00		ND						06/16/2011	
tert-Butylbenzene	5.00		ND						06/16/2011	
Tetrachloroethene	5.00		ND						06/16/2011	
Tetrahydrofuran	50.0		ND						06/16/2011	
Toluene	5.00		ND						06/16/2011	
trans-1,2-Dichloroethene	5.00		ND						06/16/2011	
trans-1,3-Dichloropropene	4.00		ND						06/16/2011	
Trichloroethene	5.00		ND						06/16/2011	
Trichlorofluoromethane	5.00		ND						06/16/2011	
Vinyl acetate	50.0		ND						06/16/2011	
Vinyl chloride	2.00		ND						06/16/2011	
Surr: 1,2-Dichloroethane-d4			44.3	50.0		88.5	72.2	131	06/16/2011	
Surr: 4-Bromofluorobenzene			50.6	50.0		101.2	82.1	116	06/16/2011	
Surr: Toluene-d8			48.8	50.0		97.7	86	116	06/16/2011	

Batch 69037		SampType: LCSD		Units µg/Kg		RPD Limit 40				
SampID: LCSD-F110616-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		48.1	50.0	0	96.2	47.90	0.42	06/16/2011	
1,1,1-Trichloroethane	5.00		46.0	50.0	0	91.9	44.91	2.31	06/16/2011	
1,1,2,2-Tetrachloroethane	5.00		47.7	50.0	0	95.5	46.88	1.80	06/16/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		48.1	50.0	0	96.3	46.97	2.46	06/16/2011	
1,1,2-Trichloroethane	5.00		48.2	50.0	0	96.5	47.50	1.53	06/16/2011	
1,1-Dichloro-2-propanone	50.0		131	125	0	105.1	137.6	4.65	06/16/2011	
1,1-Dichloroethane	5.00		48.7	50.0	0	97.4	47.56	2.33	06/16/2011	
1,1-Dichloroethene	5.00		49.6	50.0	0	99.2	49.08	1.05	06/16/2011	
1,1-Dichloropropene	5.00		47.8	50.0	0	95.6	47.55	0.55	06/16/2011	
1,2,3-Trichlorobenzene	5.00		56.3	50.0	0	112.7	55.81	0.93	06/16/2011	
1,2,3-Trichloropropane	10.0		47.8	50.0	0	95.6	45.72	4.49	06/16/2011	
1,2,3-Trimethylbenzene	5.00		48.5	50.0	0	96.9	48.25	0.45	06/16/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 69037	SampType: LCSD	Units µg/Kg					RPD Limit 40			Date Analyzed
SampID: LCSD-F110616-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,2,4-Trichlorobenzene	5.00		58.7	50.0	0	117.4	58.80	0.14	06/16/2011	
1,2,4-Trimethylbenzene	5.00		48.4	50.0	0	96.7	48.52	0.35	06/16/2011	
1,2-Dibromo-3-chloropropane	5.00		51.7	50.0	0	103.5	50.07	3.28	06/16/2011	
1,2-Dibromoethane	5.00		48.1	50.0	0	96.3	47.70	0.92	06/16/2011	
1,2-Dichlorobenzene	5.00		49.7	50.0	0	99.3	49.01	1.34	06/16/2011	
1,2-Dichloroethane	5.00		46.1	50.0	0	92.3	44.80	2.95	06/16/2011	
1,2-Dichloropropane	5.00		49.1	50.0	0	98.2	50.99	3.78	06/16/2011	
1,3,5-Trimethylbenzene	5.00		48.2	50.0	0	96.3	45.76	5.09	06/16/2011	
1,3-Dichlorobenzene	5.00		51.0	50.0	0	102.1	50.54	0.96	06/16/2011	
1,3-Dichloropropane	5.00		46.9	50.0	0	93.8	46.23	1.44	06/16/2011	
1,4-Dichlorobenzene	5.00		51.1	50.0	0	102.1	50.43	1.24	06/16/2011	
1-Chlorobutane	5.00		44.7	50.0	0	89.4	43.39	3.02	06/16/2011	
2,2-Dichloropropane	5.00		47.0	50.0	0	94.0	46.98	0.04	06/16/2011	
2-Butanone	50.0		127	125	0	101.7	128.6	1.11	06/16/2011	
2-Chlorotoluene	5.00		46.6	50.0	0	93.1	45.91	1.38	06/16/2011	
2-Hexanone	50.0		122	125	0	97.6	122.8	0.69	06/16/2011	
2-Nitropropane	50.0		431	500	0	86.3	440.3	2.07	06/16/2011	
4-Chlorotoluene	5.00		47.7	50.0	0	95.3	46.48	2.51	06/16/2011	
4-Methyl-2-pentanone	50.0		119	125	0	95.4	120.7	1.22	06/16/2011	
Acetone	50.0		122	125	0	97.3	127.2	4.46	06/16/2011	
Acrylonitrile	10.0		51.1	50.0	0	102.2	50.29	1.56	06/16/2011	
Allyl chloride	5.00		41.9	50.0	0	83.7	42.12	0.62	06/16/2011	
Benzene	1.00		49.4	50.0	0	98.7	48.37	2.05	06/16/2011	
Bromobenzene	5.00		49.1	50.0	0	98.3	46.93	4.60	06/16/2011	
Bromochloromethane	5.00		45.8	50.0	0	91.7	46.35	1.13	06/16/2011	
Bromodichloromethane	5.00		48.5	50.0	0	97.0	47.81	1.45	06/16/2011	
Bromoform	5.00		49.5	50.0	0	99.0	49.28	0.49	06/16/2011	
Bromomethane	10.0		44.0	50.0	0	87.9	46.58	5.81	06/16/2011	
Carbon disulfide	5.00		51.2	50.0	0	102.3	51.98	1.59	06/16/2011	
Carbon tetrachloride	5.00		47.3	50.0	0	94.5	46.84	0.91	06/16/2011	
Chlorobenzene	5.00		49.4	50.0	0	98.9	49.28	0.32	06/16/2011	
Chloroethane	10.0		43.6	50.0	0	87.2	44.41	1.84	06/16/2011	
Chloroform	5.00		45.6	50.0	0	91.3	45.49	0.31	06/16/2011	
Chloromethane	10.0		35.4	50.0	0	70.8	35.18	0.60	06/16/2011	
cis-1,2-Dichloroethene	5.00		49.4	50.0	0	98.9	49.45	0.02	06/16/2011	
cis-1,3-Dichloropropene	4.00		50.2	50.0	0	100.4	49.88	0.64	06/16/2011	
Cyclohexanone	100		255	250	0	101.8	291.0	13.38	06/16/2011	
Dibromochloromethane	5.00		47.7	50.0	0	95.4	48.77	2.22	06/16/2011	
Dibromomethane	5.00		50.2	50.0	0	100.5	49.26	1.95	06/16/2011	
Dichlorodifluoromethane	10.0		23.3	50.0	0	46.5	24.23	4.04	06/16/2011	
Ethyl acetate	50.0	J	47	50.0	0	93.1	46.84	0.00	06/16/2011	
Ethyl ether	5.00		47.2	50.0	0	94.4	47.20	0.00	06/16/2011	
Ethyl methacrylate	5.00		46.4	50.0	0	92.8	46.57	0.39	06/16/2011	
Ethylbenzene	5.00		49.6	50.0	0	99.2	49.47	0.22	06/16/2011	
Heptane	20.0		45.2	50.0	0	90.3	45.61	0.97	06/16/2011	
Hexachlorobutadiene	5.00		56.9	50.0	0	113.7	55.24	2.91	06/16/2011	
Hexachloroethane	5.00		47.7	50.0	0	95.4	46.73	2.05	06/16/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 69037		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-F110616-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Iodomethane	10.0		47.4	50.0	0	94.7	43.78	7.83	06/16/2011	
Isopropylbenzene	5.00		49.3	50.0	0	98.5	48.17	2.24	06/16/2011	
m,p-Xylenes	5.00		99.2	100	0	99.2	99.30	0.07	06/16/2011	
Methacrylonitrile	50.0	J	47	50.0	0	93.1	46.89	0.00	06/16/2011	
Methyl Methacrylate	5.00		51.8	50.0	0	103.7	50.98	1.67	06/16/2011	
Methyl tert-butyl ether	2.00		49.0	50.0	0	98.0	48.80	0.37	06/16/2011	
Methylacrylate	10.0		50.0	50.0	0	100	49.51	1.02	06/16/2011	
Methylene chloride	5.00		48.3	50.0	0	96.6	46.97	2.75	06/16/2011	
Naphthalene	10.0		53.5	50.0	0	107.1	52.93	1.13	06/16/2011	
n-Butylbenzene	5.00		52.0	50.0	0	103.9	51.18	1.53	06/16/2011	
n-Hexane	20.0		50.1	50.0	0	100.3	50.47	0.66	06/16/2011	
Nitrobenzene	100		557	500	0	111.5	581.8	4.29	06/16/2011	
n-Propylbenzene	5.00		48.0	50.0	0	96.1	46.93	2.32	06/16/2011	
o-Xylene	5.00		48.2	50.0	0	96.5	47.90	0.71	06/16/2011	
Pentachloroethane	5.00		49.7	50.0	0	99.4	47.84	3.81	06/16/2011	
p-Isopropyltoluene	5.00		48.2	50.0	0	96.3	46.19	4.18	06/16/2011	
Propionitrile	50.0		508	500	0	101.6	506.0	0.38	06/16/2011	
sec-Butylbenzene	5.00		50.0	50.0	0	100	47.79	4.56	06/16/2011	
Styrene	5.00		49.7	50.0	0	99.4	49.76	0.10	06/16/2011	
tert-Butylbenzene	5.00		45.5	50.0	0	91.1	43.82	3.83	06/16/2011	
Tetrachloroethene	5.00		51.8	50.0	0	103.6	51.26	1.03	06/16/2011	
Tetrahydrofuran	50.0	J	49	50.0	0	98.8	49.68	0.00	06/16/2011	
Toluene	5.00		48.3	50.0	0	96.6	47.81	0.98	06/16/2011	
trans-1,2-Dichloroethene	5.00		47.2	50.0	0	94.3	46.87	0.60	06/16/2011	
trans-1,3-Dichloropropene	4.00		47.4	50.0	0	94.8	47.44	0.13	06/16/2011	
Trichloroethene	5.00		53.2	50.0	0	106.3	51.65	2.88	06/16/2011	
Trichlorofluoromethane	5.00		44.6	50.0	0	89.3	44.99	0.76	06/16/2011	
Vinyl acetate	50.0	J	48	50.0	0	95.1	47.71	0.00	06/16/2011	
Vinyl chloride	2.00		37.0	50.0	0	73.9	37.16	0.57	06/16/2011	
Surr: 1,2-Dichloroethane-d4			44.2	50.0		88.5			06/16/2011	
Surr: 4-Bromofluorobenzene			50.5	50.0		101.0			06/16/2011	
Surr: Toluene-d8			48.3	50.0		96.5			06/16/2011	

Batch 69037		SampType: LCS		Units µg/Kg						Date Analyzed
SampID: LCS-F110616-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.00		47.9	50.0	0	95.8	0	200	06/16/2011	
1,1,1-Trichloroethane	5.00		44.9	50.0	0	89.8	85.8	124	06/16/2011	
1,1,2,2-Tetrachloroethane	5.00		46.9	50.0	0	93.8	0	200	06/16/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		47.0	50.0	0	93.9	0	200	06/16/2011	
1,1,2-Trichloroethane	5.00		47.5	50.0	0	95.0	0	200	06/16/2011	
1,1-Dichloro-2-propanone	50.0		138	125	0	110.1	0	200	06/16/2011	
1,1-Dichloroethane	5.00		47.6	50.0	0	95.1	0	200	06/16/2011	
1,1-Dichloroethene	5.00		49.1	50.0	0	98.2	60.1	131	06/16/2011	
1,1-Dichloropropene	5.00		47.6	50.0	0	95.1	0	200	06/16/2011	
1,2,3-Trichlorobenzene	5.00		55.8	50.0	0	111.6	0	200	06/16/2011	
1,2,3-Trichloropropane	10.0		45.7	50.0	0	91.4	0	200	06/16/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 69037	SampType: LCS	Units µg/Kg								Date Analyzed
SampID: LCS-F110616-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,2,3-Trimethylbenzene	5.00		48.2	50.0	0	96.5	0	200	06/16/2011	
1,2,4-Trichlorobenzene	5.00		58.8	50.0	0	117.6	0	200	06/16/2011	
1,2,4-Trimethylbenzene	5.00		48.5	50.0	0	97.0	0	200	06/16/2011	
1,2-Dibromo-3-chloropropane	5.00		50.1	50.0	0	100.1	0	200	06/16/2011	
1,2-Dibromoethane	5.00		47.7	50.0	0	95.4	86.9	119	06/16/2011	
1,2-Dichlorobenzene	5.00		49.0	50.0	0	98.0	88	119	06/16/2011	
1,2-Dichloroethane	5.00		44.8	50.0	0	89.6	73	117	06/16/2011	
1,2-Dichloropropane	5.00		51.0	50.0	0	102.0	0	200	06/16/2011	
1,3,5-Trimethylbenzene	5.00		45.8	50.0	0	91.5	0	200	06/16/2011	
1,3-Dichlorobenzene	5.00		50.5	50.0	0	101.1	85.8	125	06/16/2011	
1,3-Dichloropropane	5.00		46.2	50.0	0	92.5	0	200	06/16/2011	
1,4-Dichlorobenzene	5.00		50.4	50.0	0	100.9	84.5	124	06/16/2011	
1-Chlorobutane	5.00		43.4	50.0	0	86.8	0	200	06/16/2011	
2,2-Dichloropropane	5.00		47.0	50.0	0	94.0	0	200	06/16/2011	
2-Butanone	50.0		129	125	0	102.9	45.3	136	06/16/2011	
2-Chlorotoluene	5.00		45.9	50.0	0	91.8	0	200	06/16/2011	
2-Hexanone	50.0		123	125	0	98.3	0	200	06/16/2011	
2-Nitropropane	50.0		440	500	0	88.1	0	200	06/16/2011	
4-Chlorotoluene	5.00		46.5	50.0	0	93.0	0	200	06/16/2011	
4-Methyl-2-pentanone	50.0		121	125	0	96.5	0	200	06/16/2011	
Acetone	50.0		127	125	0	101.7	0	200	06/16/2011	
Acrylonitrile	10.0		50.3	50.0	0	100.6	0	200	06/16/2011	
Allyl chloride	5.00		42.1	50.0	0	84.2	0	200	06/16/2011	
Benzene	1.00		48.4	50.0	0	96.7	73.9	109	06/16/2011	
Bromobenzene	5.00		46.9	50.0	0	93.9	0	200	06/16/2011	
Bromochloromethane	5.00		46.4	50.0	0	92.7	0	200	06/16/2011	
Bromodichloromethane	5.00		47.8	50.0	0	95.6	91.3	126	06/16/2011	
Bromoform	5.00		49.3	50.0	0	98.6	0	200	06/16/2011	
Bromomethane	10.0		46.6	50.0	0	93.2	0	200	06/16/2011	
Carbon disulfide	5.00		52.0	50.0	0	104.0	0	200	06/16/2011	
Carbon tetrachloride	5.00		46.8	50.0	0	93.7	83.3	127	06/16/2011	
Chlorobenzene	5.00		49.3	50.0	0	98.6	85.8	116	06/16/2011	
Chloroethane	10.0		44.4	50.0	0	88.8	0	200	06/16/2011	
Chloroform	5.00		45.5	50.0	0	91.0	80	113	06/16/2011	
Chloromethane	10.0		35.2	50.0	0	70.4	0	200	06/16/2011	
cis-1,2-Dichloroethene	5.00		49.4	50.0	0	98.9	0	200	06/16/2011	
cis-1,3-Dichloropropene	4.00		49.9	50.0	0	99.8	0	200	06/16/2011	
Cyclohexanone	100		291	250	0	116.4	0	200	06/16/2011	
Dibromochloromethane	5.00		48.8	50.0	0	97.5	89.1	119	06/16/2011	
Dibromomethane	5.00		49.3	50.0	0	98.5	0	200	06/16/2011	
Dichlorodifluoromethane	10.0		24.2	50.0	0	48.5	0	200	06/16/2011	
Ethyl acetate	50.0	J	47	50.0	0	93.7	0	200	06/16/2011	
Ethyl ether	5.00		47.2	50.0	0	94.4	0	200	06/16/2011	
Ethyl methacrylate	5.00		46.6	50.0	0	93.1	0	200	06/16/2011	
Ethylbenzene	5.00		49.5	50.0	0	98.9	84.1	115	06/16/2011	
Heptane	20.0		45.6	50.0	0	91.2	0	200	06/16/2011	
Hexachlorobutadiene	5.00		55.2	50.0	0	110.5	0	200	06/16/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 69037		SampType: LCS		Units µg/Kg						
SampID: LCS-F110616-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Hexachloroethane	5.00		46.7	50.0	0	93.5	0	200	06/16/2011	
Iodomethane	10.0		43.8	50.0	0	87.6	0	200	06/16/2011	
Isopropylbenzene	5.00		48.2	50.0	0	96.3	0	200	06/16/2011	
m,p-Xylenes	5.00		99.3	100	0	99.3	79.1	111	06/16/2011	
Methacrylonitrile	50.0	J	47	50.0	0	93.8	0	200	06/16/2011	
Methyl Methacrylate	5.00		51.0	50.0	0	102.0	0	200	06/16/2011	
Methyl tert-butyl ether	2.00		48.8	50.0	0	97.6	80	128	06/16/2011	
Methylacrylate	10.0		49.5	50.0	0	99.0	0	200	06/16/2011	
Methylene chloride	5.00		47.0	50.0	0	93.9	73.9	116	06/16/2011	
Naphthalene	10.0		52.9	50.0	0	105.9	73.1	135	06/16/2011	
n-Butylbenzene	5.00		51.2	50.0	0	102.4	0	200	06/16/2011	
n-Hexane	20.0		50.5	50.0	0	100.9	0	200	06/16/2011	
Nitrobenzene	100		582	500	0	116.4	0	200	06/16/2011	
n-Propylbenzene	5.00		46.9	50.0	0	93.9	0	200	06/16/2011	
o-Xylene	5.00		47.9	50.0	0	95.8	82	117	06/16/2011	
Pentachloroethane	5.00		47.8	50.0	0	95.7	0	200	06/16/2011	
p-Isopropyltoluene	5.00		46.2	50.0	0	92.4	0	200	06/16/2011	
Propionitrile	50.0		506	500	0	101.2	0	200	06/16/2011	
sec-Butylbenzene	5.00		47.8	50.0	0	95.6	0	200	06/16/2011	
Styrene	5.00		49.8	50.0	0	99.5	0	200	06/16/2011	
tert-Butylbenzene	5.00		43.8	50.0	0	87.6	0	200	06/16/2011	
Tetrachloroethene	5.00		51.3	50.0	0	102.5	74.6	115	06/16/2011	
Tetrahydrofuran	50.0	J	50	50.0	0	99.4	0	200	06/16/2011	
Toluene	5.00		47.8	50.0	0	95.6	79.1	112	06/16/2011	
trans-1,2-Dichloroethene	5.00		46.9	50.0	0	93.7	0	200	06/16/2011	
trans-1,3-Dichloropropene	4.00		47.4	50.0	0	94.9	0	200	06/16/2011	
Trichloroethene	5.00		51.6	50.0	0	103.3	81	111	06/16/2011	
Trichlorofluoromethane	5.00		45.0	50.0	0	90.0	0	200	06/16/2011	
Vinyl acetate	50.0	J	48	50.0	0	95.4	0	200	06/16/2011	
Vinyl chloride	2.00		37.2	50.0	0	74.3	0	200	06/16/2011	
Surr: 1,2-Dichloroethane-d4			44.8	50.0		89.6	72.2	131	06/16/2011	
Surr: 4-Bromofluorobenzene			50.4	50.0		100.8	82.1	116	06/16/2011	
Surr: Toluene-d8			48.4	50.0		96.8	86	116	06/16/2011	

Batch 69037		SampType: LCSGD		Units %REC		RPD Limit 0				
SampID: LCSGD-F110616-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Surr: 1,2-Dichloroethane-d4			44.4	50.0		88.9			06/16/2011	
Surr: 4-Bromofluorobenzene			50.3	50.0		100.6			06/16/2011	
Surr: Toluene-d8			47.5	50.0		95.0			06/16/2011	

Batch 69037		SampType: LCSG		Units %REC						
SampID: LCSG-F110616-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 1,2-Dichloroethane-d4			43.9	50.0		87.8	61	128	06/16/2011	
Surr: 4-Bromofluorobenzene			51.2	50.0		102.3	78.2	117	06/16/2011	





## Quality Control Results

<http://www.teklabinc.com/>

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11060730

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 23-Jun-11

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

**Batch** 69037      **SampType:** LCSG      **Units** %REC

**SampID:** LCSG-F110616-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: Toluene-d8			49.0	50.0		97.9	80.1	122	06/16/2011



# Receiving Check List

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 11060730

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 23-Jun-11

Carrier: Sean Spinner

Received By: TWM

Completed by:

On:

15-Jun-11

Timothy W. Mathis

Reviewed by:

On:

15-Jun-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 4.0
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.

11060730



# 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** 10029

Project Name: Champaign M&P Project Mgr.: P. Szazama		Analyses by Method Name and Number		Laboratory Temperature upon Receipt 4.0												
Project Number: 624-0908-0120 Cost Code: J0002																
Sampler(s): J. Blanton / J. Purdy				Lab ID #'s 11060730-001 002												
Name: Teklab																
Location: Collinsville, IL				Comments (Field PID)												
Sample Number and (depth)																
Laboratory	Date	Time	Matrix	Total Number of Containers	Other *	Wipes	Air	Water	Soil	SVCC (8270)	SVCC (8260)	SVCC (8250)	PCRA metals	Total Cyanide	Cyanide	
	06/10/11	1210		X						X	X	X	X	X	X	
	06/10/11	1220		X						X	X	X	X	X	X	
<p><b>Samples Iced:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><b>Preservatives (ONLY for Water Samples)</b></p> <p><input type="checkbox"/> Volatile Organics ..... Hydrochloric acid (HCl)</p> <p><input type="checkbox"/> VOC Soil (5035) ..... Sodium Bisulfate/Methanol</p> <p><input type="checkbox"/> TPH ..... Hydrochloric acid and/or Sulfuric acid</p> <p><input type="checkbox"/> Metals ..... Nitric acid (HNO<sub>3</sub>)</p> <p><input type="checkbox"/> Cyanide ..... Sodium hydroxide (NaOH)</p> <p><input type="checkbox"/> Other (Specify) .....</p>																
<p><b>Lab Directives:</b> <input type="checkbox"/> 5 Days <input checked="" type="checkbox"/> STD <input type="checkbox"/> Other</p> <p>Requested TAT: <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Fax and/or Mail Results to: <b>P. Szazama, C. Hoobier</b></p> <p>Send Invoice to: <b>B. Martin</b></p> <p>QC Deliverable Requested: <input type="checkbox"/> Full QC &amp; Limits <input type="checkbox"/> CLP-LIKE <input type="checkbox"/> EDD <input type="checkbox"/> Other</p> <p>Special Guidelines: _____</p> <p>Reporting Limits: _____</p> <p>* Special: _____</p>																

Lablab, Inc.  
Carrier Pickup

<b>Shipping:</b>		<b>Relinquished by:</b>		<b>Received by:</b>	
Carrier / Airbill No.	Signature	Signature	Signature	Signature	Signature
	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	Date	Date	Date	Date	Date
	6/15/11	6/15/11	6/15/11	6/15/11	6/15/11
	Time	Time	Time	Time	Time
	1040	1040	1430	1640	1430

Distribution: WHITE to Lab CANARY to PM PINK to QA/QC GREEN to Sampler

PE-179 (6/03)

Shaded Areas to be Completed by Lab