

July 02, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09061174

Dear Pete Sazama:

TEKLAB, INC received 4 samples on 6/30/2009 4:40:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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,

A handwritten signature in black ink that reads "Shelly A. Hennessy".

Shelly A. Hennessy  
Project Manager  
(618)344-1004 ex 36

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09061174

**Report Date:** 02-Jul-09

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Lab Sample ID	Client Sample ID	Fractions	Collection Date
09061174-001	P1-A1-W (0-3)	6	6/30/2009 8:30:00 AM
09061174-002	P1-A1-W (5-8)	6	6/30/2009 8:45:00 AM
09061174-003	P1-AZ-W (0-3)	6	6/30/2009 10:20:00 AM
09061174-004	P1-AZ-W (5-6)	6	6/30/2009 10:30:00 AM

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**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09061174

**Report Date:** 02-Jul-09

**Cooler Receipt Temp:** 1.8 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 09061174

**Lab ID:** 09061174-001

**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C

**Client Sample ID:** P1-A1-W (0-3)

**Collection Date:** 6/30/2009 8:30:00 AM

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		20.2	%	1	6/30/2009 5:30:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		79.8	%	1	6/30/2009 5:30:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		3.17	mg/Kg-dry	1	7/1/2009 2:23:58 PM	LAL
Barium	NELAP	0.48		69.9	mg/Kg-dry	1	7/1/2009 2:23:58 PM	LAL
Cadmium	NELAP	0.19		0.74	mg/Kg-dry	1	7/1/2009 2:23:58 PM	LAL
Chromium	NELAP	0.96		12.4	mg/Kg-dry	1	7/1/2009 2:23:58 PM	LAL
Lead	NELAP	3.85		52.5	mg/Kg-dry	1	7/1/2009 2:23:58 PM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/1/2009 2:23:58 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	0.934	mg/Kg-dry	1	7/1/2009 2:14:04 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.844		4.21	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Acenaphthylene	NELAP	0.844		64.8	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Anthracene	NELAP	0.844		16.1	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Benzo(a)anthracene	NELAP	0.844		72.0	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Benzo(a)pyrene	NELAP	0.844		166	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.844		151	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.844		106	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.844		42.4	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	16.6		ND	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Chrysene	NELAP	0.844		70.0	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.844		23.3	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Fluoranthene	NELAP	0.844		81.7	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Fluorene	NELAP	0.844		6.66	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.844		78.1	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Naphthalene	NELAP	0.844		10.8	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Phenanthrene	NELAP	0.844		17.5	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Pyrene	NELAP	0.844		160	mg/Kg-dry	100	7/1/2009 10:14:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		56.0	%REC	100	7/1/2009 10:14:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		56.0	%REC	100	7/1/2009 10:14:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		68.0	%REC	100	7/1/2009 10:14:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	124	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
1,2-Dichlorobenzene	NELAP	124		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
1,3-Dichlorobenzene	NELAP	124		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
1,4-Dichlorobenzene	NELAP	124	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-001  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (0-3)  
**Collection Date:** 6/30/2009 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	86.9	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	86.9	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
2,4-Dichlorophenol	NELAP	124		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
2,4-Dimethylphenol	NELAP	124	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
2,4-Dinitrophenol	NELAP	248	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
2,4-Dinitrotoluene	NELAP	86.9	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
2,6-Dinitrotoluene	NELAP	86.9		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
2-Chloronaphthalene	NELAP	86.9		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
2-Chlorophenol	NELAP	124	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
2-Methoxy-4-methylphenol		161		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
2-Methylnaphthalene	NELAP	86.9		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
2-Nitroaniline	NELAP	248		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
2-Nitrophenol	NELAP	86.9		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	86.9		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
3-Nitroaniline	NELAP	248		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	248		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	86.9		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	124	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
4-Chloroaniline	NELAP	124		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	86.9		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
4-Nitroaniline	NELAP	124		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
4-Nitrophenol	NELAP	86.9	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Aniline	NELAP	124		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Azobenzene		86.9		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Benzidine	NELAP	262		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Benzoic acid	NELAP	373		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Benzyl alcohol	NELAP	124		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	86.9		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	124		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	86.9		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Butyl benzyl phthalate	NELAP	86.9		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Carbazole		124		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Dibenzofuran	NELAP	86.9		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Diethyl phthalate	NELAP	124	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Dimethyl phthalate	NELAP	86.9	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Di-n-butyl phthalate	NELAP	86.9	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Di-n-octyl phthalate	NELAP	86.9		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Hexachlorobenzene	NELAP	86.9	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-001  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (0-3)  
**Collection Date:** 6/30/2009 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	124	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	86.9		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Hexachloroethane	NELAP	124	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Isophorone	NELAP	86.9		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
m,p-Cresol	NELAP	124	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Nitrobenzene	NELAP	124	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
N-Nitrosodimethylamine	NELAP	124		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	124	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	124		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
o-Cresol	NELAP	124	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Pentachlorophenol	NELAP	497	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Phenol	NELAP	86.9	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Pyridine	NELAP	124	S	ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
1,2-Diphenylhydrazine		209		ND	mg/Kg-dry	100	7/1/2009 7:26:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		45.9	%REC	100	7/1/2009 7:26:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		55.9	%REC	100	7/1/2009 7:26:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		45.9	%REC	100	7/1/2009 7:26:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101	S	47.9	%REC	100	7/1/2009 7:26:00 PM	DMH
Surr: Phenol-d5		34.9-110		49.9	%REC	100	7/1/2009 7:26:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124	S	8.0	%REC	100	7/1/2009 7:26:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,1,1-Trichloroethane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,1,2-Trichloroethane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,1-Dichloro-2-propanone		8310		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,1-Dichloroethane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,1-Dichloroethene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,1-Dichloropropene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,2,3-Trichloropropane	NELAP	1660		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,2,3-Trimethylbenzene		831	J	220	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	831	J	360	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,2-Dibromoethane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,2-Dichlorobenzene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE

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**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,2-Dichloropropane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,3-Dichlorobenzene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,3-Dichloropropane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1,4-Dichlorobenzene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
1-Chlorobutane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
2,2-Dichloropropane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
2-Butanone	NELAP	8310		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
2-Chlorotoluene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
2-Hexanone	NELAP	8310		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
2-Nitropropane	NELAP	8310		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
4-Chlorotoluene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
4-Methyl-2-pentanone	NELAP	8310		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Acetone	NELAP	8310		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Acrolein	NELAP	16600		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Acrylonitrile	NELAP	1660		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Allyl chloride	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Benzene	NELAP	166		303	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Bromobenzene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Bromochloromethane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Bromodichloromethane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Bromoform	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Bromomethane	NELAP	1660		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Carbon disulfide	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Carbon tetrachloride	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Chlorobenzene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Chloroethane	NELAP	1660		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Chloroform	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Chloromethane	NELAP	1660		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	665		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Cyclohexanone		16600		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Dibromochloromethane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Dibromomethane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Dichlorodifluoromethane	NELAP	1660		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Ethyl acetate	NELAP	8310		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Ethyl ether	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-001  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (0-3)  
**Collection Date:** 6/30/2009 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Ethylbenzene	NELAP	831	J	330	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Heptane		3320		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Hexachlorobutadiene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Hexachloroethane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Iodomethane	NELAP	1660		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Isopropylbenzene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
m,p-Xylenes	NELAP	831	J	540	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Methacrylonitrile	NELAP	8310		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Methyl Methacrylate	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Methyl tert-butyl ether	NELAP	332		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Methylacrylate		1660		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Methylene chloride	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Naphthalene	NELAP	1660		13800	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
n-Butylbenzene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
n-Hexane		3320		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Nitrobenzene	NELAP	16600		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
n-Propylbenzene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
o-Xylene	NELAP	831	J	270	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Pentachloroethane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
p-Isopropyltoluene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Propionitrile	NELAP	8310		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
sec-Butylbenzene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Styrene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
tert-Butylbenzene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Tetrachloroethene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Tetrahydrofuran	NELAP	8310		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Toluene	NELAP	831	J	660	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	665		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Trichloroethene	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Trichlorofluoromethane	NELAP	831		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Vinyl acetate	NELAP	8310		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Vinyl chloride	NELAP	332		ND	µg/Kg-dry	50	6/30/2009 9:13:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		96.5	%REC	50	6/30/2009 9:13:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		94.7	%REC	50	6/30/2009 9:13:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		104.6	%REC	50	6/30/2009 9:13:00 PM	RWE
Surr: Toluene-d8		80.1-122		96.6	%REC	50	6/30/2009 9:13:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-001  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (0-3)  
**Collection Date:** 6/30/2009 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		<b>0.090</b>	mg/Kg-dry	1	6/30/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.627		<b>Interference</b>	mg/Kg-dry	1	7/1/2009 10:39:27 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.63		<b>3.68</b>	mg/Kg-dry	1	7/1/2009 10:39:27 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

Surrogate and Matrix spike recoveries were outside QC limits due to sample dilution.

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-002  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (5-8)  
**Collection Date:** 6/30/2009 8:45:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		22.8	%	1	6/30/2009 5:30:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		77.2	%	1	6/30/2009 5:30:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45	J	1.3	mg/Kg-dry	1	7/1/2009 2:30:29 PM	LAL
Barium	NELAP	0.49		125	mg/Kg-dry	1	7/1/2009 2:30:29 PM	LAL
Cadmium	NELAP	0.20	J	0.15	mg/Kg-dry	1	7/1/2009 2:30:29 PM	LAL
Chromium	NELAP	0.98		24.3	mg/Kg-dry	1	7/1/2009 2:30:29 PM	LAL
Lead	NELAP	3.92		22.7	mg/Kg-dry	1	7/1/2009 2:30:29 PM	LAL
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	7/1/2009 2:30:29 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.556	< 0.556	mg/Kg-dry	1	7/1/2009 2:17:26 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.433		35.5	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Acenaphthylene	NELAP	0.433		5.00	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Anthracene	NELAP	0.433		19.3	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Benzo(a)anthracene	NELAP	0.433		9.08	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Benzo(a)pyrene	NELAP	0.433		8.38	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.433		6.73	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.433		2.79	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.433		2.40	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	8.54		ND	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Chrysene	NELAP	0.433		9.37	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.433		0.786	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Fluoranthene	NELAP	0.433		22.0	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Fluorene	NELAP	0.433		25.7	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.433		2.29	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Naphthalene	NELAP	0.433		74.8	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Phenanthrene	NELAP	0.433		68.2	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Pyrene	NELAP	0.433		30.4	mg/Kg-dry	100	7/1/2009 10:48:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		76.0	%REC	100	7/1/2009 10:48:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		72.0	%REC	100	7/1/2009 10:48:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		96.0	%REC	100	7/1/2009 10:48:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
1,2-Dichlorobenzene	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
1,3-Dichlorobenzene	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
1,4-Dichlorobenzene	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-002  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (5-8)  
**Collection Date:** 6/30/2009 8:45:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
2,4-Dichlorophenol	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
2,4-Dimethylphenol	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
2,4-Dinitrophenol	NELAP	63.7		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
2,4-Dinitrotoluene	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
2,6-Dinitrotoluene	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
2-Chloronaphthalene	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
2-Chlorophenol	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
2-Methoxy-4-methylphenol		41.4		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
2-Methylnaphthalene	NELAP	22.3		47.7	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
2-Nitroaniline	NELAP	63.7		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
2-Nitrophenol	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
3-Nitroaniline	NELAP	63.7		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	63.7		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
4-Chloroaniline	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
4-Nitroaniline	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
4-Nitrophenol	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Aniline	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Azobenzene		22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Benzidine	NELAP	67.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Benzoic acid	NELAP	95.6		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Benzyl alcohol	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Butyl benzyl phthalate	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Carbazole		31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Dibenzofuran	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Diethyl phthalate	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Dimethyl phthalate	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Di-n-butyl phthalate	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Di-n-octyl phthalate	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Hexachlorobenzene	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 09061174

**Lab ID:** 09061174-002

**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C

**Client Sample ID:** P1-A1-W (5-8)

**Collection Date:** 6/30/2009 8:45:00 AM

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Hexachloroethane	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Isophorone	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
m,p-Cresol	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Nitrobenzene	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
N-Nitrosodimethylamine	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
o-Cresol	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Pentachlorophenol	NELAP	127		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Phenol	NELAP	22.3		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Pyridine	NELAP	31.9		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
1,2-Diphenylhydrazine		53.5		ND	mg/Kg-dry	50	7/1/2009 5:55:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		56.9	%REC	50	7/1/2009 5:55:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		71.9	%REC	50	7/1/2009 5:55:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		57.9	%REC	50	7/1/2009 5:55:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		55.9	%REC	50	7/1/2009 5:55:00 PM	DMH
Surr: Phenol-d5		34.9-110		65.9	%REC	50	7/1/2009 5:55:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		75.8	%REC	50	7/1/2009 5:55:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,1-Dichloro-2-propanone		54800		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,1-Dichloroethane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,1-Dichloroethene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,1-Dichloropropene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,2,3-Trichloropropane	NELAP	11000		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,2,3-Trimethylbenzene		5480	J	5000	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5480		13700	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,2-Dibromoethane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-002  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (5-8)  
**Collection Date:** 6/30/2009 8:45:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2-Dichloroethane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,2-Dichloropropane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5480	J	3600	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,3-Dichloropropane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
1-Chlorobutane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
2,2-Dichloropropane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
2-Butanone	NELAP	54800		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
2-Chlorotoluene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
2-Hexanone	NELAP	54800		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
2-Nitropropane	NELAP	54800		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
4-Chlorotoluene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
4-Methyl-2-pentanone	NELAP	54800		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Acetone	NELAP	54800		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Acrolein	NELAP	110000		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Acrylonitrile	NELAP	11000		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Allyl chloride	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Benzene	NELAP	1100		2420	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Bromobenzene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Bromochloromethane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Bromodichloromethane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Bromoform	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Bromomethane	NELAP	11000		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Carbon disulfide	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Carbon tetrachloride	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Chlorobenzene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Chloroethane	NELAP	11000		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Chloroform	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Chloromethane	NELAP	11000		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4380		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Cyclohexanone		110000		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Dibromochloromethane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Dibromomethane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Dichlorodifluoromethane	NELAP	11000		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Ethyl acetate	NELAP	54800		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Ethyl ether	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-002  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (5-8)  
**Collection Date:** 6/30/2009 8:45:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Ethylbenzene	NELAP	5480		18900	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Heptane		21900		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Hexachlorobutadiene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Hexachloroethane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Iodomethane	NELAP	11000		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Isopropylbenzene	NELAP	5480	J	2500	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
m,p-Xylenes	NELAP	5480		5480	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Methacrylonitrile	NELAP	54800		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Methyl Methacrylate	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Methyl tert-butyl ether	NELAP	2190		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Methylacrylate		11000		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Methylene chloride	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Naphthalene	NELAP	21900		422000	µg/Kg-dry	1000	7/1/2009 9:19:00 AM	RWE
n-Butylbenzene	NELAP	5480	J	4700	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
n-Hexane		21900		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Nitrobenzene	NELAP	110000		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
n-Propylbenzene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
o-Xylene	NELAP	5480		6980	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Pentachloroethane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
p-Isopropyltoluene	NELAP	5480	J	1300	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Propionitrile	NELAP	54800		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
sec-Butylbenzene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Styrene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
tert-Butylbenzene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Tetrachloroethene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Tetrahydrofuran	NELAP	54800		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Toluene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4380		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Trichloroethene	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Trichlorofluoromethane	NELAP	5480		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Vinyl acetate	NELAP	54800		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Vinyl chloride	NELAP	2190		ND	µg/Kg-dry	500	6/30/2009 9:40:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		97.2	%REC	500	6/30/2009 9:40:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		98.4	%REC	500	6/30/2009 9:40:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		102.2	%REC	500	6/30/2009 9:40:00 PM	RWE
Surr: Toluene-d8		80.1-122		93.5	%REC	500	6/30/2009 9:40:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-002  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (5-8)  
**Collection Date:** 6/30/2009 8:45:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		<b>0.046</b>	mg/Kg-dry	1	6/30/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.59		<b>Interference</b>	mg/Kg-dry	4	7/1/2009 10:39:27 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.65		<b>13.8</b>	mg/Kg-dry	1	7/1/2009 10:39:27 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-003  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (0-3)  
**Collection Date:** 6/30/2009 10:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		24.6	%	1	6/30/2009 5:30:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		75.4	%	1	6/30/2009 5:30:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		< 2.50	mg/Kg-dry	1	7/1/2009 2:37:09 PM	LAL
Barium	NELAP	0.50		115	mg/Kg-dry	1	7/1/2009 2:37:09 PM	LAL
Cadmium	NELAP	0.20	J	0.11	mg/Kg-dry	1	7/1/2009 2:37:09 PM	LAL
Chromium	NELAP	1.00		24.9	mg/Kg-dry	1	7/1/2009 2:37:09 PM	LAL
Lead	NELAP	4.00		15.7	mg/Kg-dry	1	7/1/2009 2:37:09 PM	LAL
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/1/2009 2:37:09 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	7/1/2009 2:20:46 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.440		56.3	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Acenaphthylene	NELAP	0.440		7.59	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Anthracene	NELAP	0.440		33.2	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Benzo(a)anthracene	NELAP	0.440		15.3	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Benzo(a)pyrene	NELAP	0.440		14.2	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.440		11.6	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.440		4.94	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.440		4.31	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	8.67		ND	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Chrysene	NELAP	0.440		16.1	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.440		1.38	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Fluoranthene	NELAP	0.440		36.8	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Fluorene	NELAP	0.440		38.3	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.440		4.32	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Naphthalene	NELAP	0.440		141	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Phenanthrene	NELAP	0.440		104	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Pyrene	NELAP	0.440		47.3	mg/Kg-dry	100	7/1/2009 11:23:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		80.0	%REC	100	7/1/2009 11:23:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		76.0	%REC	100	7/1/2009 11:23:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		84.0	%REC	100	7/1/2009 11:23:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
1,2-Dichlorobenzene	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
1,3-Dichlorobenzene	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
1,4-Dichlorobenzene	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-003  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (0-3)  
**Collection Date:** 6/30/2009 10:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
2,4,5-Trichlorophenol	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
2,4-Dichlorophenol	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
2,4-Dimethylphenol	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
2,4-Dinitrophenol	NELAP	64.7		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
2,4-Dinitrotoluene	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
2,6-Dinitrotoluene	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
2-Chloronaphthalene	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
2-Chlorophenol	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
2-Methoxy-4-methylphenol		42.1		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
2-Methylnaphthalene	NELAP	22.6		93.4	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
2-Nitroaniline	NELAP	64.7		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
2-Nitrophenol	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
3-Nitroaniline	NELAP	64.7		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	64.7		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
4-Chloroaniline	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
4-Nitroaniline	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
4-Nitrophenol	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Aniline	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Azobenzene		22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Benzidine	NELAP	68.3		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Benzoic acid	NELAP	97.1		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Benzyl alcohol	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Butyl benzyl phthalate	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Carbazole		32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Dibenzofuran	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Diethyl phthalate	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Dimethyl phthalate	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Di-n-butyl phthalate	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Di-n-octyl phthalate	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Hexachlorobenzene	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-003  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (0-3)  
**Collection Date:** 6/30/2009 10:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Hexachloroethane	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Isophorone	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
m,p-Cresol	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Nitrobenzene	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
N-Nitrosodimethylamine	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
o-Cresol	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Pentachlorophenol	NELAP	129		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Phenol	NELAP	22.6		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Pyridine	NELAP	32.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
1,2-Diphenylhydrazine		54.4		ND	mg/Kg-dry	50	7/1/2009 6:25:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		64.9	%REC	50	7/1/2009 6:25:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		89.8	%REC	50	7/1/2009 6:25:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		68.9	%REC	50	7/1/2009 6:25:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		75.6	%REC	50	7/1/2009 6:25:00 PM	DMH
Surr: Phenol-d5		34.9-110		74.9	%REC	50	7/1/2009 6:25:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		81.8	%REC	50	7/1/2009 6:25:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,1-Dichloro-2-propanone		57600		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,1-Dichloroethane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,1-Dichloroethene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,1-Dichloropropene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,2,3-Trichloropropane	NELAP	11500		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,2,3-Trimethylbenzene		5760	J	3600	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5760		9490	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,2-Dibromoethane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-003  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (0-3)  
**Collection Date:** 6/30/2009 10:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,2-Dichloropropane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5760	J	2800	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,3-Dichloropropane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
1-Chlorobutane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
2,2-Dichloropropane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
2-Butanone	NELAP	57600		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
2-Chlorotoluene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
2-Hexanone	NELAP	57600		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
2-Nitropropane	NELAP	57600		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
4-Chlorotoluene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
4-Methyl-2-pentanone	NELAP	57600		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Acetone	NELAP	57600		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Acrolein	NELAP	115000		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Acrylonitrile	NELAP	11500		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Allyl chloride	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Benzene	NELAP	1150		3960	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Bromobenzene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Bromochloromethane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Bromodichloromethane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Bromoform	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Bromomethane	NELAP	11500		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Carbon disulfide	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Carbon tetrachloride	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Chlorobenzene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Chloroethane	NELAP	11500		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Chloroform	NELAP	5760	J	2800	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Chloromethane	NELAP	11500		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4610		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Cyclohexanone		115000		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Dibromochloromethane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Dibromomethane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Dichlorodifluoromethane	NELAP	11500		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Ethyl acetate	NELAP	57600		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Ethyl ether	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-003  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (0-3)  
**Collection Date:** 6/30/2009 10:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Ethylbenzene	NELAP	5760		16900	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Heptane		23000		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Hexachlorobutadiene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Hexachloroethane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Iodomethane	NELAP	11500		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Isopropylbenzene	NELAP	5760	J	2100	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
m,p-Xylenes	NELAP	5760		8770	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Methacrylonitrile	NELAP	57600		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Methyl Methacrylate	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Methyl tert-butyl ether	NELAP	2300		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Methylacrylate		11500		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Methylene chloride	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Naphthalene	NELAP	23000		256000	µg/Kg-dry	1000	7/1/2009 9:46:00 AM	RWE
n-Butylbenzene	NELAP	5760	J	4600	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
n-Hexane		23000		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Nitrobenzene	NELAP	115000		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
n-Propylbenzene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
o-Xylene	NELAP	5760	J	5700	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Pentachloroethane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
p-Isopropyltoluene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Propionitrile	NELAP	57600		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
sec-Butylbenzene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Styrene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
tert-Butylbenzene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Tetrachloroethene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Tetrahydrofuran	NELAP	57600		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Toluene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4610		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Trichloroethene	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Trichlorofluoromethane	NELAP	5760		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Vinyl acetate	NELAP	57600		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Vinyl chloride	NELAP	2300		ND	µg/Kg-dry	500	6/30/2009 10:07:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		102.0	%REC	500	6/30/2009 10:07:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		100.5	%REC	500	6/30/2009 10:07:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		103.9	%REC	500	6/30/2009 10:07:00 PM	RWE
Surr: Toluene-d8		80.1-122		91.3	%REC	500	6/30/2009 10:07:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-003  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (0-3)  
**Collection Date:** 6/30/2009 10:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013		<b>0.064</b>	mg/Kg-dry	1	6/30/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.65		<b>Interference</b>	mg/Kg-dry	4	7/1/2009 10:39:27 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.66		<b>16.5</b>	mg/Kg-dry	1	7/1/2009 10:39:27 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09061174

**Client Sample ID:** P1-AZ-W (5-6)

**Lab ID:** 09061174-004

**Collection Date:** 6/30/2009 10:30:00 AM

**Report Date:** 02-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst	
<b><u>ASTM D2974</u></b>									
Percent Moisture		0.1		25.8	%	1	6/30/2009 5:30:00 PM	MAB	
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>									
Total Solids		0.1		74.2	%	1	6/30/2009 5:30:00 PM	MAB	
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>									
Arsenic	NELAP	2.40	S	< 2.40	mg/Kg-dry	1	7/1/2009 2:43:50 PM	LAL	
Barium	NELAP	0.48		139	mg/Kg-dry	1	7/1/2009 2:43:50 PM	LAL	
Cadmium	NELAP	0.19	J	0.11	mg/Kg-dry	1	7/1/2009 2:43:50 PM	LAL	
Chromium	NELAP	0.96		23.4	mg/Kg-dry	1	7/1/2009 2:43:50 PM	LAL	
Lead	NELAP	3.85		17.3	mg/Kg-dry	1	7/1/2009 2:43:50 PM	LAL	
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/1/2009 2:43:50 PM	LAL	
<b><u>SW-846 3050B, METALS BY GFAA</u></b>									
Selenium	7740	NELAP	0.588	J	0.39	mg/Kg-dry	1	7/1/2009 2:37:40 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
Acenaphthene	NELAP	0.222	S	12.0	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Acenaphthylene	NELAP	0.222	S	1.79	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Anthracene	NELAP	0.222	S	5.86	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Benzo(a)anthracene	NELAP	0.222	S	3.26	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Benzo(a)pyrene	NELAP	0.222	S	2.94	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Benzo(b)fluoranthene	NELAP	0.222	S	2.36	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Benzo(g,h,i)perylene	NELAP	0.222	S	0.956	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Benzo(k)fluoranthene	NELAP	0.222	S	0.856	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Bis(2-ethylhexyl)phthalate	NELAP	4.38	S	ND	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Chrysene	NELAP	0.222	S	3.38	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Dibenzo(a,h)anthracene	NELAP	0.222	S	0.261	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Fluoranthene	NELAP	0.222	S	7.15	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Fluorene	NELAP	0.222	S	8.96	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Indeno(1,2,3-cd)pyrene	NELAP	0.222	S	0.795	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Naphthalene	NELAP	0.222	S	26.3	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Phenanthrene	NELAP	0.222	S	23.2	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Pyrene	NELAP	0.222	S	9.74	mg/Kg-dry	50	7/1/2009 11:57:00 AM	MAV	
Surr: 2-Fluorobiphenyl		10-131		62.0	%REC	50	7/1/2009 11:57:00 AM	MAV	
Surr: Nitrobenzene-d5		10-132		68.0	%REC	50	7/1/2009 11:57:00 AM	MAV	
Surr: p-Terphenyl-d14		30.6-131		74.0	%REC	50	7/1/2009 11:57:00 AM	MAV	
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
1,2,4-Trichlorobenzene	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH	
1,2-Dichlorobenzene	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH	
1,3-Dichlorobenzene	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH	
1,4-Dichlorobenzene	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH	

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-004  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (5-6)  
**Collection Date:** 6/30/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
2,4-Dichlorophenol	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
2,4-Dimethylphenol	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
2,4-Dinitrophenol	NELAP	65.3		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
2,4-Dinitrotoluene	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
2,6-Dinitrotoluene	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
2-Chloronaphthalene	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
2-Chlorophenol	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
2-Methoxy-4-methylphenol		42.5		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
2-Methylnaphthalene	NELAP	22.9	J	22	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
2-Nitroaniline	NELAP	65.3		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
2-Nitrophenol	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
3-Nitroaniline	NELAP	65.3		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	65.3		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
4-Chloroaniline	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
4-Nitroaniline	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
4-Nitrophenol	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Aniline	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Azobenzene		22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Benzidine	NELAP	69.0		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Benzoic acid	NELAP	98.0		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Benzyl alcohol	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Butyl benzyl phthalate	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Carbazole		32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Dibenzofuran	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Diethyl phthalate	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Dimethyl phthalate	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Di-n-butyl phthalate	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Di-n-octyl phthalate	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Hexachlorobenzene	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-004  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (5-6)  
**Collection Date:** 6/30/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Hexachloroethane	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Isophorone	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
m,p-Cresol	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Nitrobenzene	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
N-Nitrosodimethylamine	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
o-Cresol	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Pentachlorophenol	NELAP	131		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Phenol	NELAP	22.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Pyridine	NELAP	32.7		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
1,2-Diphenylhydrazine		54.9		ND	mg/Kg-dry	50	7/1/2009 6:56:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		66.9	%REC	50	7/1/2009 6:56:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		71.9	%REC	50	7/1/2009 6:56:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		65.9	%REC	50	7/1/2009 6:56:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		59.9	%REC	50	7/1/2009 6:56:00 PM	DMH
Surr: Phenol-d5		34.9-110		71.9	%REC	50	7/1/2009 6:56:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		79.8	%REC	50	7/1/2009 6:56:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,1,1-Trichloroethane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,1,2-Trichloroethane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,1-Dichloro-2-propanone		73400		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,1-Dichloroethane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,1-Dichloroethene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,1-Dichloropropene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,2,3-Trichloropropane	NELAP	14700		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,2,3-Trimethylbenzene		7340	J	5300	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	7340		14100	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,2-Dibromoethane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,2-Dichlorobenzene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-004  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (5-6)  
**Collection Date:** 6/30/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,2-Dichloropropane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	7340	J	3700	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,3-Dichlorobenzene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,3-Dichloropropane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1,4-Dichlorobenzene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
1-Chlorobutane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
2,2-Dichloropropane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
2-Butanone	NELAP	73400		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
2-Chlorotoluene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
2-Hexanone	NELAP	73400		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
2-Nitropropane	NELAP	73400		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
4-Chlorotoluene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
4-Methyl-2-pentanone	NELAP	73400		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Acetone	NELAP	73400		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Acrolein	NELAP	147000		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Acrylonitrile	NELAP	14700		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Allyl chloride	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Benzene	NELAP	1470		2470	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Bromobenzene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Bromochloromethane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Bromodichloromethane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Bromoform	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Bromomethane	NELAP	14700		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Carbon disulfide	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Carbon tetrachloride	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Chlorobenzene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Chloroethane	NELAP	14700		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Chloroform	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Chloromethane	NELAP	14700		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	5880		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Cyclohexanone		147000		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Dibromochloromethane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Dibromomethane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Dichlorodifluoromethane	NELAP	14700		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Ethyl acetate	NELAP	73400		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Ethyl ether	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-004  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (5-6)  
**Collection Date:** 6/30/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Ethylbenzene	NELAP	7340		18500	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Heptane		29400		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Hexachlorobutadiene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Hexachloroethane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Iodomethane	NELAP	14700		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Isopropylbenzene	NELAP	7340	J	2600	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
m,p-Xylenes	NELAP	7340		10100	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Methacrylonitrile	NELAP	73400		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Methyl Methacrylate	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Methyl tert-butyl ether	NELAP	2940		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Methylacrylate		14700		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Methylene chloride	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Naphthalene	NELAP	29400		402000	µg/Kg-dry	1000	7/1/2009 10:13:00 AM	RWE
n-Butylbenzene	NELAP	7340	J	5000	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
n-Hexane		29400		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Nitrobenzene	NELAP	147000		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
n-Propylbenzene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
o-Xylene	NELAP	7340		7590	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Pentachloroethane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
p-Isopropyltoluene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Propionitrile	NELAP	73400		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
sec-Butylbenzene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Styrene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
tert-Butylbenzene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Tetrachloroethene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Tetrahydrofuran	NELAP	73400		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Toluene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	5880		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Trichloroethene	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Trichlorofluoromethane	NELAP	7340		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Vinyl acetate	NELAP	73400		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Vinyl chloride	NELAP	2940		ND	µg/Kg-dry	500	6/30/2009 10:35:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		98.9	%REC	500	6/30/2009 10:35:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		101.1	%REC	500	6/30/2009 10:35:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		101.3	%REC	500	6/30/2009 10:35:00 PM	RWE
Surr: Toluene-d8		80.1-122		93.3	%REC	500	6/30/2009 10:35:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-004  
**Report Date:** 02-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (5-6)  
**Collection Date:** 6/30/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013		<b>0.044</b>	mg/Kg-dry	1	6/30/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.70		<b>Interference</b>	mg/Kg-dry	4	7/1/2009 10:39:27 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	2.70		<b>43.7</b>	mg/Kg-dry	4	7/1/2009 10:39:27 AM	RCE

### Sample Narrative

SW-846 3050B, 6010B, Metals by ICP

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

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

Matrix spike diluted out.

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09061174

**Report Date:** 02-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09061174-001A	P1-A1-W (0-3)	6/30/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	6/30/2009 6:31:27 PM	7/1/2009 10:14:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	6/30/2009 6:30:10 PM	7/1/2009 7:26:00 PM
09061174-001B				SW-846 3050B, 6010B, Metals by ICP	7/1/2009 8:24:58 AM	7/1/2009 2:23:58 PM
				SW-846 3050B, Metals by GFAA	7/1/2009 8:23:17 AM	7/1/2009 2:14:04 PM
				SW-846 7471A	6/30/2009 5:15:00 PM	6/30/2009
09061174-001C				ASTM D2974		6/30/2009 5:30:00 PM
				Standard Methods 18th Ed. 2540 G		6/30/2009 5:30:00 PM
				SW-846 9012A		7/1/2009 10:39:27 AM
				SW-846 9012A (Total)		7/1/2009 10:39:27 AM
09061174-001F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	6/30/2009 6:00:00 PM	6/30/2009 9:13:00 PM
09061174-002A	P1-A1-W (5-8)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	6/30/2009 6:31:27 PM	7/1/2009 10:48:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	6/30/2009 6:30:10 PM	7/1/2009 5:55:00 PM
09061174-002B				SW-846 3050B, 6010B, Metals by ICP	7/1/2009 8:24:58 AM	7/1/2009 2:30:29 PM
				SW-846 3050B, Metals by GFAA	7/1/2009 8:23:17 AM	7/1/2009 2:17:26 PM
				SW-846 7471A	6/30/2009 5:15:00 PM	6/30/2009
09061174-002C				ASTM D2974		6/30/2009 5:30:00 PM
				Standard Methods 18th Ed. 2540 G		6/30/2009 5:30:00 PM
				SW-846 9012A		7/1/2009 10:39:27 AM
				SW-846 9012A (Total)		7/1/2009 10:39:27 AM
09061174-002F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	6/30/2009 6:00:00 PM	6/30/2009 9:40:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/1/2009 9:00:00 AM	7/1/2009 9:19:00 AM
09061174-003A	P1-AZ-W (0-3)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	6/30/2009 6:31:27 PM	7/1/2009 11:23:00 AM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09061174

**Report Date:** 02-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09061174-003A	P1-AZ-W (0-3)	6/30/2009	Solid	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	6/30/2009 6:30:10 PM	7/1/2009 6:25:00 PM
09061174-003B				SW-846 3050B, 6010B, Metals by ICP	7/1/2009 8:24:58 AM	7/1/2009 2:37:09 PM
				SW-846 3050B, Metals by GFAA	7/1/2009 8:23:17 AM	7/1/2009 2:20:46 PM
				SW-846 3050B, Metals by GFAA	7/1/2009 8:23:17 AM	7/1/2009 2:51:12 PM
				SW-846 7471A	6/30/2009 5:15:00 PM	6/30/2009
09061174-003C				ASTM D2974		6/30/2009 5:30:00 PM
				Standard Methods 18th Ed. 2540 G		6/30/2009 5:30:00 PM
				SW-846 9012A		7/1/2009 10:39:27 AM
				SW-846 9012A (Total)		7/1/2009 10:39:27 AM
09061174-003F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	6/30/2009 6:00:00 PM	6/30/2009 10:07:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/1/2009 9:00:00 AM	7/1/2009 9:46:00 AM
09061174-004A	P1-AZ-W (5-6)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	6/30/2009 6:31:27 PM	7/1/2009 11:57:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	6/30/2009 6:30:10 PM	7/1/2009 6:56:00 PM
09061174-004B				SW-846 3050B, 6010B, Metals by ICP	7/1/2009 8:24:58 AM	7/1/2009 2:43:50 PM
				SW-846 3050B, Metals by GFAA	7/1/2009 8:23:17 AM	7/1/2009 2:37:40 PM
				SW-846 7471A	6/30/2009 5:15:00 PM	6/30/2009
09061174-004C				ASTM D2974		6/30/2009 5:30:00 PM
				Standard Methods 18th Ed. 2540 G		6/30/2009 5:30:00 PM
				SW-846 9012A		7/1/2009 10:39:27 AM
				SW-846 9012A (Total)		7/1/2009 10:39:27 AM
09061174-004F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	6/30/2009 6:00:00 PM	6/30/2009 10:35:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/1/2009 9:00:00 AM	7/1/2009 10:13:00 AM

**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- 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.
- 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. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- 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. (NELAC) The acceptable recovery range is listed in this report.
- 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 this report.
- 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 this report.
- MDL** Method detection limit or limit of detection (LOD) 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.
- MB/LCB** Method blank or lab control 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 are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) 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 this report.
- 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 this report.
- 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. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

Qualifiers			
<b>DF</b> - Dilution Factor	<b>B</b> - Analyte detected in the associated Method Blank	<b>C</b> - Client requested RL below PQL	<b>MI</b> - Matrix interference
<b>RL</b> - Reporting Limit	<b>J</b> - Analyte detected below reporting limits	<b>D</b> - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	<b>R</b> - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	<b>S</b> - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count (> 200 CFU)	<b>X</b> - Value exceeds Maximum Contaminant Level	<b>#</b> - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09061174

Report Date: 02-Jul-09

## ANALYTICAL QC SUMMARY REPORT

TestCode: A\_ACND\_S\_MT\_9012A

Sample ID: <b>MB-R124110</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>124110</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124110</b>		Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322020</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Amenable to Chlorination	< 0.010	0.010									

Sample ID: <b>LCS-R124110</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>124110</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124110</b>		Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322021</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Amenable to Chlorination	0.086	0.010	0.1000	0	86.1	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>MB-R124110</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>124110</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124110</b>					Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322018</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	< 0.01	0.01									
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Sample ID: <b>LCS-R124110</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>124110</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124110</b>					Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322019</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.09	0.01	0.1000	0	92.9	85	115				
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Sample ID: <b>09061174-001CMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>124110</b>				
Client ID: <b>P1-A1-W (0-3)MS</b>	Batch ID: <b>R124110</b>					Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322023</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	7.17	0.63	3.133	3.677	111.4	75	125				
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Sample ID: <b>09061174-001MSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>124110</b>				
Client ID: <b>P1-A1-W (0-3)MSD</b>	Batch ID: <b>R124110</b>					Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322024</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	7.23	0.63	3.133	3.677	113.5	75	125	7.166	0.944	15	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: I\_TS\_M\_MT

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>LCS-R124114</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>124114</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124114</b>		Analysis Date: <b>6/30/2009</b>	SeqNo: <b>2322122</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	1.0	0.1	1.000	0	100	90	110				

Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>124114</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124114</b>		Analysis Date: <b>6/30/2009</b>	SeqNo: <b>2322123</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	1.0	0.1	1.000	0	99.0	90	110				

Sample ID: <b>09061174-001CDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>124114</b>							
Client ID: <b>P1-A1-W (0-3)DUP</b>	Batch ID: <b>R124114</b>		Analysis Date: <b>6/30/2009</b>	SeqNo: <b>2322207</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	75.6	0.1						79.79	5.42	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: M\_HG\_SOLID

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>MB-53909</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>6/30/2009</b>	RunNo: <b>124046</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53909</b>	<b>SOP 3063</b>	Analysis Date: <b>6/30/2009</b>	SeqNo: <b>2320946</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	< 0.010	0.010	0.01000	0	0	-100	100				

Sample ID: <b>LCS-53909</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>6/30/2009</b>	RunNo: <b>124046</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53909</b>	<b>SOP 3063</b>	Analysis Date: <b>6/30/2009</b>	SeqNo: <b>2320947</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.264	0.010	0.2500	0	105.8	85	115				

Sample ID: <b>09061174-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>6/30/2009</b>	RunNo: <b>124046</b>							
Client ID: <b>P1-A1-W (0-3)MS</b>	Batch ID: <b>53909</b>	<b>SOP 3063</b>	Analysis Date: <b>6/30/2009</b>	SeqNo: <b>2320964</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.442	0.012	0.3133	0.09024	112.2	75	125				

Sample ID: <b>09061174-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>6/30/2009</b>	RunNo: <b>124046</b>							
Client ID: <b>P1-A1-W (0-3)MSD</b>	Batch ID: <b>53909</b>	<b>SOP 3063</b>	Analysis Date: <b>6/30/2009</b>	SeqNo: <b>2320965</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.461	0.012	0.3133	0.09024	118.2	75	125	0.4418	4.17	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: M\_SOLID\_GF

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>LCS-53916</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/1/2009</b>	RunNo: <b>124108</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53916</b>	<b>SOP 3042</b>	Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322085</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740

3.14

0.600

3.000

0

104.7

80

120

Sample ID: <b>MB-53916</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/1/2009</b>	RunNo: <b>124108</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53916</b>	<b>SOP 3042</b>	Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322094</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740

< 0.600

0.600

0.6000

0

0

-100

100

Sample ID: <b>09061174-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/1/2009</b>	RunNo: <b>124108</b>							
Client ID: <b>P1-AZ-W (0-3)MS</b>	Batch ID: <b>53916</b>	<b>SOP 3042</b>	Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322095</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740

2.47

1.18

2.941

0

84.1

70

130

Sample ID: <b>09061174-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/1/2009</b>	RunNo: <b>124108</b>							
Client ID: <b>P1-AZ-W (0-3)MSD</b>	Batch ID: <b>53916</b>	<b>SOP 3042</b>	Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322096</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740

2.35

1.18

2.941

0

80.1

70

130

2.475

4.97

20

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: M\_SOLIDS\_ICP

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>MB-53917</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/1/2009</b>	RunNo: <b>124092</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53917</b>	<b>SOP 3032</b>	Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2321974</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Barium	< 0.50	0.50	0.5000	0	0	-100	100				
Cadmium	< 0.20	0.20	0.2000	0	0	-100	100				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Sample ID: <b>LCS-53917</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/1/2009</b>	RunNo: <b>124092</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53917</b>	<b>SOP 3032</b>	Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2321975</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	196	2.50	200.0	0	98.0	85	115				
Barium	201	0.50	200.0	0	100.6	85	115				
Cadmium	4.88	0.20	5.000	0	97.6	85	115				
Chromium	20.0	1.00	20.00	0	100	85	115				
Lead	49.0	4.00	50.00	0	98.1	85	115				
Silver	5.00	0.55	5.000	0	100	85	115				

Sample ID: <b>09061174-004BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/1/2009</b>	RunNo: <b>124092</b>							
Client ID: <b>P1-AZ-W (5-6)MS</b>	Batch ID: <b>53917</b>	<b>SOP 3032</b>	Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322045</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	125	2.40	192.3	0	64.8	75	125				S
Barium	314	0.48	192.3	139.1	90.9	75	125				
Cadmium	4.46	0.19	4.808	0.1058	90.6	75	125				
Chromium	42.8	0.96	19.23	23.38	101.0	75	125				
Lead	61.2	3.85	48.08	17.35	91.3	75	125				
Silver	4.11	0.53	4.808	0	85.4	75	125				

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09061174

Report Date: 02-Jul-09

## ANALYTICAL QC SUMMARY REPORT

TestCode: M\_SOLIDS\_ICP

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	124	2.40	192.3	0	64.7	75	125	124.6	0.232	20	S
Barium	317	0.48	192.3	139.1	92.5	75	125	313.8	1.01	20	
Cadmium	4.46	0.19	4.808	0.1058	90.6	75	125	4.462	0	20	
Chromium	42.3	0.96	19.23	23.38	98.3	75	125	42.81	1.24	20	
Lead	61.5	3.85	48.08	17.35	91.8	75	125	61.24	0.392	20	
Silver	4.11	0.53	4.808	0	85.4	75	125	4.106	0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>MB-53912</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>6/30/2009</b>	RunNo: <b>124128</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53912</b>	<b>SW3550B</b>	Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322689</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									
Azobenzene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09061174

Report Date: 02-Jul-09

# ANALYTICAL QC SUMMARY REPORT

TestCode: SV\_8270S\_S

Sample ID: <b>MB-53912</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>6/30/2009</b>	RunNo: <b>124128</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53912</b>	<b>SW3550B</b>	Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322689</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>MB-53912</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>6/30/2009</b>		RunNo: <b>124128</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>53912</b>		<b>SW3550B</b>		Analysis Date: <b>7/1/2009</b>		SeqNo: <b>2322689</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.51		1.670		90.5	52.1	113				
Surr: 2-Fluorobiphenyl	0.805		0.8350		96.4	46.3	106				
Surr: 2-Fluorophenol	1.35		1.670		80.8	50.6	89				
Surr: Nitrobenzene-d5	0.661		0.8350		79.2	42.4	99.2				
Surr: Phenol-d5	1.40		1.670		84.1	55.9	98.5				
Surr: p-Terphenyl-d14	0.724		0.8350		86.7	45.5	115				

Sample ID: <b>09061174-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>6/30/2009</b>		RunNo: <b>124128</b>			
Client ID: <b>P1-A1-W (0-3)MS</b>		Batch ID: <b>53912</b>		<b>SW3550B</b>		Analysis Date: <b>7/1/2009</b>		SeqNo: <b>2322695</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	124	4.131	0	0	35.9	102				S
1,4-Dichlorobenzene	ND	124	4.131	0	0	29.8	95.5				S
2,4,5-Trichlorophenol	ND	86.6	8.237	0	0	38.6	123				S
2,4,6-Trichlorophenol	ND	86.6	8.237	0	0	35.9	123				S
2,4-Dimethylphenol	ND	124	8.237	0	0	38.3	88				S
2,4-Dinitrophenol	ND	247	8.237	0	0	1.88	162				S
2,4-Dinitrotoluene	ND	86.6	4.131	0	0	37.5	107				S
2-Chlorophenol	ND	124	8.237	0	0	22.6	108				S
4-Chloro-3-methylphenol	ND	124	8.237	0	0	19.3	131				S



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: 09061174-001AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 6/30/2009		RunNo: 124128			
Client ID: P1-A1-W (0-3)MS		Batch ID: 53912		SW3550B		Analysis Date: 7/1/2009		SeqNo: 2322695			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	ND	86.6	8.237	0	0	27.6	123				S
Diethyl phthalate	ND	124	8.237	0	0	51.7	106				S
Dimethyl phthalate	ND	86.6	8.237	0	0	58.8	104				S
Di-n-butyl phthalate	ND	86.6	4.131	0	0	54.3	105				S
Hexachlorobenzene	ND	86.6	8.237	0	0	55.9	106				S
Hexachlorobutadiene	ND	124	8.237	0	0	35.7	100				S
Hexachloroethane	ND	124	8.237	0	0	38.9	89.9				S
m,p-Cresol	ND	124	4.131	0	0	37.6	93.7				S
Nitrobenzene	ND	124	8.237	0	0	51.8	104				S
N-Nitroso-di-n-propylamine	ND	124	4.131	0	0	45.5	99.1				S
o-Cresol	ND	124	4.131	0	0	43	101				S
Pentachlorophenol	ND	495	8.237	0	0	18.5	113				S
Phenol	ND	86.6	8.237	0	0	20.8	110				S
Pyridine	ND	124	8.237	0	0	3.61	74.3				S
Surr: 2,4,6-Tribromophenol	1.48		4.131		35.9	32.7	130				
Surr: 2-Fluorobiphenyl	0.825		2.065		39.9	34.1	116				
Surr: 2-Fluorophenol	1.57		4.131		37.9	30.5	99				
Surr: Nitrobenzene-d5	0.660		2.065		31.9	34.1	101				S
Surr: Phenol-d5	1.73		4.131		41.9	34.9	110				
Surr: p-Terphenyl-d14	0.082		2.065		4.0	41.7	124				S

Sample ID: 09061174-001AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 6/30/2009		RunNo: 124128			
Client ID: P1-A1-W (0-3)MSD		Batch ID: 53912		SW3550B		Analysis Date: 7/1/2009		SeqNo: 2322696			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	127	4.248	0	0	35.9	102	0	0	40	S
1,4-Dichlorobenzene	ND	127	4.248	0	0	29.8	95.5	0	0	40	S
2,4,5-Trichlorophenol	ND	89.0	8.471	0	0	38.6	123	0	0	40	S
2,4,6-Trichlorophenol	ND	89.0	8.471	0	0	35.9	123	0	0	40	S
2,4-Dimethylphenol	ND	127	8.471	0	0	38.3	88	0	0	40	S
2,4-Dinitrophenol	ND	254	8.471	0	0	1.88	162	0	0	40	S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>09061174-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>6/30/2009</b>		RunNo: <b>124128</b>			
Client ID: <b>P1-A1-W (0-3)MSD</b>		Batch ID: <b>53912</b>		<b>SW3550B</b>		Analysis Date: <b>7/1/2009</b>		SeqNo: <b>2322696</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	ND	89.0	4.248	0	0	37.5	107	0	0	40	S
2-Chlorophenol	ND	127	8.471	0	0	22.6	108	0	0	40	S
4-Chloro-3-methylphenol	ND	127	8.471	0	0	19.3	131	0	0	40	S
4-Nitrophenol	ND	89.0	8.471	0	0	27.6	123	0	0	40	S
Diethyl phthalate	ND	127	8.471	0	0	51.7	106	0	0	40	S
Dimethyl phthalate	ND	89.0	8.471	0	0	58.8	104	0	0	40	S
Di-n-butyl phthalate	ND	89.0	4.248	0	0	54.3	105	0	0	40	S
Hexachlorobenzene	ND	89.0	8.471	0	0	55.9	106	0	0	40	S
Hexachlorobutadiene	ND	127	8.471	0	0	35.7	100	0	0	40	S
Hexachloroethane	ND	127	8.471	0	0	38.9	89.9	0	0	40	S
m,p-Cresol	ND	127	4.248	0	0	37.6	93.7	0	0	40	S
Nitrobenzene	ND	127	8.471	0	0	51.8	104	0	0	40	S
N-Nitroso-di-n-propylamine	ND	127	4.248	0	0	45.5	99.1	0	0	40	S
o-Cresol	ND	127	4.248	0	0	43	101	0	0	40	S
Pentachlorophenol	ND	509	8.471	0	0	18.5	113	0	0	40	S
Phenol	ND	89.0	8.471	0	0	20.8	110	0	0	40	S
Pyridine	ND	127	8.471	0	0	3.61	74.3	0	0	40	S
Surr: 2,4,6-Tribromophenol	2.12		4.248		49.9	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	1.10		2.124		51.9	34.1	116		0	40	
Surr: 2-Fluorophenol	1.78		4.248		41.9	30.5	99		0	40	
Surr: Nitrobenzene-d5	1.02		2.124		47.9	34.1	101		0	40	
Surr: Phenol-d5	2.12		4.248		49.9	34.9	110		0	40	
Surr: p-Terphenyl-d14	0.085		2.124		4.0	41.7	124		0	40	S

Sample ID: <b>LCS-53912</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>6/30/2009</b>		RunNo: <b>124143</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>53912</b>		<b>SW3550B</b>		Analysis Date: <b>7/2/2009</b>		SeqNo: <b>2323133</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.03	0.500	1.670	0	61.9	43.9	92.2				
1,4-Dichlorobenzene	0.894	0.500	1.670	0	53.5	43.8	84.1				
2,4,5-Trichlorophenol	2.36	0.350	3.330	0	70.8	38.6	123				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: LCS-53912	SampType: LCS	Units: mg/Kg					Prep Date: 6/30/2009	RunNo: 124143			
Client ID: ZZZZZZ	Batch ID: 53912	SW3550B					Analysis Date: 7/2/2009	SeqNo: 2323133			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,6-Trichlorophenol	2.25	0.350	3.330	0	67.4	35.9	123				
2,4-Dimethylphenol	1.77	0.500	3.330	0	53.2	38.3	88				
2,4-Dinitrophenol	2.27	1.00	3.330	0	68.3	1.88	162				
2,4-Dinitrotoluene	1.20	0.350	1.670	0	72.1	48.6	102				
2-Chlorophenol	1.61	0.500	3.330	0	48.4	46.6	84				
4-Chloro-3-methylphenol	2.20	0.500	3.330	0	66.1	51.5	94.9				
4-Nitrophenol	2.21	0.350	3.330	0	66.4	53.2	104				
Acenaphthene	1.09	0.350	1.670	0	65.5	50.8	113				
Acenaphthylene	1.59	0.350	1.670	0	95.2	52.8	121				
Anthracene	1.05	0.350	1.670	0	62.9	53.3	115				
Benzo(a)anthracene	1.10	0.350	1.670	0	66.0	62.3	110				
Benzo(a)pyrene	1.07	0.350	1.670	0	63.8	58.2	109				
Benzo(b)fluoranthene	1.07	0.350	1.670	0	64.4	51.8	107				
Benzo(g,h,i)perylene	1.11	0.350	1.670	0	66.7	49.6	121				
Benzo(k)fluoranthene	1.09	0.350	1.670	0	65.3	63.1	129				
Bis(2-ethylhexyl)phthalate	1.10	0.350	1.670	0	65.6	56.3	109				
Chrysene	1.20	0.350	1.670	0	71.8	58.4	115				
Dibenzo(a,h)anthracene	1.12	0.350	1.670	0	67.3	54.9	120				
Diethyl phthalate	2.29	0.500	3.330	0	68.9	51.7	106				
Dimethyl phthalate	2.10	0.350	3.330	0	62.9	58.8	104				
Di-n-butyl phthalate	0.985	0.350	1.670	0	59.0	54.3	105				
Fluoranthene	1.05	0.350	1.670	0	62.6	61.6	113				
Fluorene	1.15	0.350	1.670	0	68.8	52.2	116				
Hexachlorobenzene	2.18	0.350	3.330	0	65.6	55.9	106				
Hexachlorobutadiene	2.04	0.500	3.330	0	61.4	35.7	100				
Hexachloroethane	1.78	0.500	3.330	0	53.3	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.10	0.350	1.670	0	66.1	52.7	115				
m,p-Cresol	1.00	0.500	1.670	0	59.9	37.6	93.7				
Naphthalene	0.983	0.350	1.670	0	58.9	45.7	101				
Nitrobenzene	1.89	0.500	3.330	0	56.6	51.8	104				
N-Nitroso-di-n-propylamine	1.00	0.500	1.670	0	59.9	49.1	94.5				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: LCS-53912	SampType: LCS	Units: mg/Kg	Prep Date: 6/30/2009	RunNo: 124143							
Client ID: ZZZZZZ	Batch ID: 53912	SW3550B	Analysis Date: 7/2/2009	SeqNo: 2323133							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Cresol	0.991	0.500	1.670	0	59.3	43	101				
Pentachlorophenol	1.9	2.00	3.330	0	57.7	42.2	102				J
Phenanthrene	1.11	0.350	1.670	0	66.6	52.9	113				
Phenol	1.82	0.350	3.330	0	54.5	41.6	81.3				
Pyrene	1.06	0.500	1.670	0	63.5	60.7	115				
Pyridine	1.20	0.500	3.330	0	36.0	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.13		1.670		67.8	52.1	113				
Surr: 2-Fluorobiphenyl	0.533		0.8350		63.8	46.3	106				
Surr: 2-Fluorophenol	0.856		1.670		51.2	50.6	89				
Surr: Nitrobenzene-d5	0.415		0.8350		49.7	42.4	99.2				
Surr: Phenol-d5	0.957		1.670		57.3	55.9	98.5				
Surr: p-Terphenyl-d14	0.516		0.8350		61.8	45.5	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>MB-53913</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>6/30/2009</b>		RunNo: <b>124099</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>53913</b>		<b>SW3550B</b>		Analysis Date: <b>7/1/2009</b>		SeqNo: <b>2321755</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	ND	0.003									
Benzo(a)pyrene	ND	0.003									
Benzo(b)fluoranthene	ND	0.003									
Benzo(g,h,i)perylene	ND	0.003									
Benzo(k)fluoranthene	ND	0.003									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	ND	0.003									
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
Naphthalene	ND	0.003									
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.536		0.8330		64.3	17.5	123				
Surr: Nitrobenzene-d5	0.592		0.8330		71.1	35	105				
Surr: p-Terphenyl-d14	0.613		0.8330		73.5	53.6	122				

Sample ID: <b>LCS-53913</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>6/30/2009</b>		RunNo: <b>124099</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>53913</b>		<b>SW3550B</b>		Analysis Date: <b>7/1/2009</b>		SeqNo: <b>2321756</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.125	0.003	0.1670	0	75.1	56.3	115				
Acenaphthylene	0.128	0.003	0.1670	0	76.9	60.3	143				
Anthracene	0.124	0.003	0.1670	0	74.5	52.1	109				
Benzo(a)anthracene	0.127	0.003	0.1670	0	76.0	52.8	112				
Benzo(a)pyrene	0.133	0.003	0.1670	0	79.6	40.8	127				
Benzo(b)fluoranthene	0.136	0.003	0.1670	0	81.6	50.1	150				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>LCS-53913</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>6/30/2009</b>		RunNo: <b>124099</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>53913</b>		<b>SW3550B</b>		Analysis Date: <b>7/1/2009</b>		SeqNo: <b>2321756</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	0.147	0.003	0.1670	0	87.9	52.8	145				
Benzo(k)fluoranthene	0.147	0.003	0.1670	0	88.3	52	153				
Bis(2-ethylhexyl)phthalate	0.185	0.067	0.1670	0	111.0	50	150				
Chrysene	0.150	0.003	0.1670	0	89.7	60.8	128				
Dibenzo(a,h)anthracene	0.145	0.003	0.1670	0	86.6	54.9	150				
Fluoranthene	0.140	0.003	0.1670	0	83.8	58.7	125				
Fluorene	0.132	0.003	0.1670	0	79.0	57.8	125				
Indeno(1,2,3-cd)pyrene	0.144	0.003	0.1670	0	86.2	52	147				
Naphthalene	0.107	0.003	0.1670	0	64.2	54.8	113				
Phenanthrene	0.140	0.003	0.1670	0	84.0	60.4	121				
Pyrene	0.136	0.003	0.1670	0	81.5	57.9	129				
Surr: 2-Fluorobiphenyl	0.482		0.8330		57.9	35.3	113				
Surr: Nitrobenzene-d5	0.471		0.8330		56.5	33.9	108				
Surr: p-Terphenyl-d14	0.647		0.8330		77.6	58.4	122				

Sample ID: <b>09061174-004AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>6/30/2009</b>		RunNo: <b>124099</b>			
Client ID: <b>P1-AZ-W (5-6)MS</b>		Batch ID: <b>53913</b>		<b>SW3550B</b>		Analysis Date: <b>7/1/2009</b>		SeqNo: <b>2321849</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	25.4	0.222	0.2183	11.97	6139	36	135				S
Acenaphthylene	4.09	0.222	0.2183	1.792	1052	17.2	167				S
Anthracene	12.9	0.222	0.2183	5.862	3218	39.3	124				S
Benzo(a)anthracene	7.81	0.222	0.2183	3.264	2081	10	183				S
Benzo(a)pyrene	6.68	0.222	0.2183	2.938	1712	10	204				S
Benzo(b)fluoranthene	5.31	0.222	0.2183	2.365	1349	10.6	178				S
Benzo(g,h,i)perylene	2.40	0.222	0.2183	0.9560	663.0	10	168				S
Benzo(k)fluoranthene	2.15	0.222	0.2183	0.8558	591.1	27.6	181				S
Bis(2-ethylhexyl)phthalate	ND	4.38	0.2183	0	0	50	150				S
Chrysene	8.01	0.222	0.2183	3.375	2123	10	176				S
Dibenzo(a,h)anthracene	0.767	0.222	0.2183	0.2613	231.6	12.2	156				S
Fluoranthene	16.6	0.222	0.2183	7.145	4352	10	227				S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>09061174-004AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>6/30/2009</b>		RunNo: <b>124099</b>			
Client ID: <b>P1-AZ-W (5-6)MS</b>		Batch ID: <b>53913</b>		<b>SW3550B</b>		Analysis Date: <b>7/1/2009</b>		SeqNo: <b>2321849</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	19.9	0.222	0.2183	8.957	5004	35.2	148				S
Indeno(1,2,3-cd)pyrene	1.99	0.222	0.2183	0.7949	546.1	10	164				S
Naphthalene	64.7	0.222	0.2183	26.31	17570	14.7	128				S
Phenanthrene	48.7	0.222	0.2183	23.19	11700	32.8	143				S
Pyrene	22.9	0.222	0.2183	9.737	6018	10	180				S
Surr: 2-Fluorobiphenyl	0.784		1.089		72.0	10	131				
Surr: Nitrobenzene-d5	0.806		1.089		74.0	10	132				
Surr: p-Terphenyl-d14	0.893		1.089		82.0	30.6	131				

Sample ID: <b>09061174-004AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>6/30/2009</b>		RunNo: <b>124099</b>			
Client ID: <b>P1-AZ-W (5-6)MSD</b>		Batch ID: <b>53913</b>		<b>SW3550B</b>		Analysis Date: <b>7/1/2009</b>		SeqNo: <b>2321850</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	23.8	0.226	0.2222	11.97	5348	36	135	25.37	6.19	49.7	S
Acenaphthylene	3.81	0.226	0.2222	1.792	907.8	17.2	167	4.090	7.12	33.3	S
Anthracene	13.6	0.226	0.2222	5.862	3502	39.3	124	12.89	5.67	51.1	S
Benzo(a)anthracene	7.00	0.226	0.2222	3.264	1681	10	183	7.808	10.9	40.6	S
Benzo(a)pyrene	6.25	0.226	0.2222	2.938	1489	10	204	6.677	6.67	56.4	S
Benzo(b)fluoranthene	5.28	0.226	0.2222	2.365	1314	10.6	178	5.311	0.513	49.7	S
Benzo(g,h,i)perylene	2.18	0.226	0.2222	0.9560	549.7	10	168	2.404	9.88	36.5	S
Benzo(k)fluoranthene	1.98	0.226	0.2222	0.8558	507.0	27.6	181	2.146	7.96	42.6	S
Bis(2-ethylhexyl)phthalate	ND	4.46	0.2222	0	0	50	150	0	0	60.3	S
Chrysene	7.30	0.226	0.2222	3.375	1767	10	176	8.010	9.27	45.1	S
Dibenzo(a,h)anthracene	0.736	0.226	0.2222	0.2613	213.7	12.2	156	0.7670	4.12	39.9	S
Fluoranthene	16.2	0.226	0.2222	7.145	4096	10	227	16.65	2.46	66.2	S
Fluorene	18.7	0.226	0.2222	8.957	4363	35.2	148	19.88	6.39	65.6	S
Indeno(1,2,3-cd)pyrene	1.85	0.226	0.2222	0.7949	473.5	10	164	1.987	7.33	36.5	S
Naphthalene	56.4	0.226	0.2222	26.31	13550	14.7	128	64.67	13.6	39.6	S
Phenanthrene	49.9	0.226	0.2222	23.19	12040	32.8	143	48.73	2.44	35.4	S
Pyrene	22.5	0.226	0.2222	9.737	5761	10	180	22.88	1.51	60.1	S
Surr: 2-Fluorobiphenyl	0.865		1.108		78.0	10	131		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>09061174-004AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>6/30/2009</b>	RunNo: <b>124099</b>							
Client ID: <b>P1-AZ-W (5-6)MSD</b>	Batch ID: <b>53913</b>	<b>SW3550B</b>	Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2321850</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	0.865		1.108		78.0	10	132		0	40	
Surr: p-Terphenyl-d14	1.04		1.108		94.0	30.6	131		0	40	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>LCS-F090630-2</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>6/30/2009</b>	RunNo: <b>124082</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53919</b>	<b>SW5035</b>				Analysis Date: <b>6/30/2009</b>	SeqNo: <b>2321426</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	52.9	5.0	50.00	0	105.7	77.5	121				
1,1-Dichloroethene	40.2	5.0	50.00	0	80.3	52	133				
1,2-Dibromoethane	49.0	5.0	50.00	0	97.9	85.2	119				
1,2-Dichlorobenzene	52.9	5.0	50.00	0	105.9	84.2	122				
1,2-Dichloroethane	50.2	5.0	50.00	0	100.3	71.1	125				
1,3-Dichlorobenzene	54.5	5.0	50.00	0	109.1	83.3	125				
1,4-Dichlorobenzene	50.5	5.0	50.00	0	101.0	81.9	128				
2-Butanone	50.7	50.0	100.0	0	50.7	39.1	105				
Benzene	49.4	1.0	50.00	0	98.7	77.9	123				
Bromodichloromethane	55.6	5.0	50.00	0	111.1	87.9	119				
Carbon tetrachloride	53.9	5.0	50.00	0	107.9	77.5	128				
Chlorobenzene	55.0	5.0	50.00	0	110.0	87.8	120				
Chloroform	47.7	5.0	50.00	0	95.4	81.5	119				
Dibromochloromethane	53.1	5.0	50.00	0	106.1	88.6	119				
Ethylbenzene	56.0	5.0	50.00	0	112.1	80.9	119				
m,p-Xylenes	52.1	5.0	50.00	0	104.2	77.6	120				
Methyl tert-butyl ether	52.0	2.0	50.00	0	104.1	69.8	121				
Methylene chloride	52.2	5.0	50.00	0	104.3	71.5	124				
Naphthalene	54.2	10	50.00	0	108.4	75.7	123				
o-Xylene	50.7	5.0	50.00	0	101.3	82.4	124				
Tetrachloroethene	49.6	5.0	50.00	0	99.2	74.2	113				
Toluene	51.3	5.0	50.00	0	102.6	80.2	115				
Trichloroethene	52.8	5.0	50.00	0	105.6	83.3	118				
Surr: 1,2-Dichloroethane-d4	50.2		50.00		100.3	61	128				
Surr: 4-Bromofluorobenzene	48.4		50.00		96.7	78.2	117				
Surr: Dibromofluoromethane	52.2		50.00		104.4	66.6	130				
Surr: Toluene-d8	45.9		50.00		91.7	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>LCSD-F090630-2</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>					Prep Date: <b>6/30/2009</b>	RunNo: <b>124082</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53919</b>	<b>SW5035</b>					Analysis Date: <b>6/30/2009</b>	SeqNo: <b>2321427</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	52.2	5.0	50.00	0	104.3	77.5	121	52.86	1.35	20	
1,1-Dichloroethene	41.2	5.0	50.00	0	82.3	52	133	40.16	2.46	20	
1,2-Dibromoethane	48.6	5.0	50.00	0	97.3	85.2	119	48.95	0.635	20	
1,2-Dichlorobenzene	52.3	5.0	50.00	0	104.6	84.2	122	52.93	1.18	20	
1,2-Dichloroethane	50.6	5.0	50.00	0	101.2	71.1	125	50.16	0.913	20	
1,3-Dichlorobenzene	53.6	5.0	50.00	0	107.2	83.3	125	54.54	1.78	20	
1,4-Dichlorobenzene	49.8	5.0	50.00	0	99.5	81.9	128	50.49	1.46	20	
2-Butanone	50.1	50.0	100.0	0	50.1	39.1	105	50.68	1.21	20	
Benzene	49.4	1.0	50.00	0	98.9	77.9	123	49.37	0.121	20	
Bromodichloromethane	55.5	5.0	50.00	0	111.0	87.9	119	55.56	0.0900	20	
Carbon tetrachloride	53.8	5.0	50.00	0	107.5	77.5	128	53.93	0.316	20	
Chlorobenzene	54.6	5.0	50.00	0	109.3	87.8	120	55.01	0.675	20	
Chloroform	47.8	5.0	50.00	0	95.7	81.5	119	47.69	0.293	20	
Dibromochloromethane	52.4	5.0	50.00	0	104.7	88.6	119	53.06	1.31	20	
Ethylbenzene	53.2	5.0	50.00	0	106.4	80.9	119	56.05	5.22	20	
m,p-Xylenes	51.4	5.0	50.00	0	102.8	77.6	120	52.09	1.37	20	
Methyl tert-butyl ether	51.3	2.0	50.00	0	102.6	69.8	121	52.03	1.37	20	
Methylene chloride	53.4	5.0	50.00	0	106.8	71.5	124	52.16	2.37	20	
Naphthalene	54.0	10	50.00	0	108.0	75.7	123	54.21	0.407	20	
o-Xylene	50.4	5.0	50.00	0	100.8	82.4	124	50.66	0.554	20	
Tetrachloroethene	48.4	5.0	50.00	0	96.7	74.2	113	49.60	2.55	20	
Toluene	51.4	5.0	50.00	0	102.7	80.2	115	51.29	0.156	20	
Trichloroethene	52.6	5.0	50.00	0	105.1	83.3	118	52.79	0.456	20	
Surr: 1,2-Dichloroethane-d4	50.4		50.00		100.9	61	128		0	0	
Surr: 4-Bromofluorobenzene	48.0		50.00		96.0	78.2	117		0	0	
Surr: Dibromofluoromethane	51.8		50.00		103.7	66.6	130		0	0	
Surr: Toluene-d8	46.4		50.00		92.8	80.1	122		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>MBLK-F090630-2</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>6/30/2009</b>	RunNo: <b>124082</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53919</b>	<b>SW5035</b>	Analysis Date: <b>6/30/2009</b>	SeqNo: <b>2321428</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	10									
1,2,3-Trimethylbenzene	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
1-Chlorobutane	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.0									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.0									
4-Methyl-2-pentanone	ND	50.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>MBLK-F090630-2</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>6/30/2009</b>	RunNo: <b>124082</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53919</b>	<b>SW5035</b>	Analysis Date: <b>6/30/2009</b>	SeqNo: <b>2321428</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10									
Allyl chloride	ND	5.0									
Benzene	ND	1.0									
Bromobenzene	ND	5.0									
Bromochloromethane	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	10									
Carbon disulfide	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	10									
Chloroform	ND	5.0									
Chloromethane	ND	10									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	4.0									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	10									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.0									
Ethyl methacrylate	ND	5.0									
Ethylbenzene	ND	5.0									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.0									
Hexachloroethane	ND	5.0									
Iodomethane	ND	10									
Isopropylbenzene	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>MBLK-F090630-2</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>6/30/2009</b>	RunNo: <b>124082</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53919</b>	<b>SW5035</b>	Analysis Date: <b>6/30/2009</b>	SeqNo: <b>2321428</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylenes	ND	5.0									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.0									
Methyl tert-butyl ether	ND	2.0									
Methylacrylate	ND	10									
Methylene chloride	ND	5.0									
Naphthalene	ND	10									
n-Butylbenzene	ND	5.0									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.0									
o-Xylene	ND	5.0									
Pentachloroethane	ND	5.0									
p-Isopropyltoluene	ND	5.0									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	4.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.0									
Surr: 1,2-Dichloroethane-d4	49.0		50.00		97.9	61	128				
Surr: 4-Bromofluorobenzene	47.0		50.00		93.9	78.2	117				
Surr: Dibromofluoromethane	52.6		50.00		105.1	66.6	130				
Surr: Toluene-d8	47.3		50.00		94.6	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>LCS-F090701-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>7/1/2009</b>	RunNo: <b>124112</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53934</b>	<b>SW5035</b>					Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322070</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	51.2	5.0	50.00	0	102.5	77.5	121				
1,1-Dichloroethene	40.7	5.0	50.00	0	81.4	52	133				
1,2-Dibromoethane	49.3	5.0	50.00	0	98.7	85.2	119				
1,2-Dichlorobenzene	52.2	5.0	50.00	0	104.4	84.2	122				
1,2-Dichloroethane	50.1	5.0	50.00	0	100.2	71.1	125				
1,3-Dichlorobenzene	54.0	5.0	50.00	0	108.1	83.3	125				
1,4-Dichlorobenzene	49.9	5.0	50.00	0	99.7	81.9	128				
2-Butanone	54.4	50.0	100.0	0	54.4	39.1	105				
Benzene	47.6	1.0	50.00	0	95.3	77.9	123				
Bromodichloromethane	55.4	5.0	50.00	0	110.8	87.9	119				
Carbon tetrachloride	53.2	5.0	50.00	0	106.5	77.5	128				
Chlorobenzene	53.4	5.0	50.00	0	106.9	87.8	120				
Chloroform	46.7	5.0	50.00	0	93.3	81.5	119				
Dibromochloromethane	52.4	5.0	50.00	0	104.8	88.6	119				
Ethylbenzene	54.9	5.0	50.00	0	109.9	80.9	119				
m,p-Xylenes	52.3	5.0	50.00	0	104.6	77.6	120				
Methyl tert-butyl ether	52.3	2.0	50.00	0	104.5	69.8	121				
Methylene chloride	51.6	5.0	50.00	0	103.2	71.5	124				
Naphthalene	55.9	10	50.00	0	111.7	75.7	123				
o-Xylene	50.6	5.0	50.00	0	101.1	82.4	124				
Tetrachloroethene	48.1	5.0	50.00	0	96.2	74.2	113				
Toluene	49.9	5.0	50.00	0	99.8	80.2	115				
Trichloroethene	52.4	5.0	50.00	0	104.7	83.3	118				
Surr: 1,2-Dichloroethane-d4	50.5		50.00		101.0	61	128				
Surr: 4-Bromofluorobenzene	48.7		50.00		97.5	78.2	117				
Surr: Dibromofluoromethane	51.0		50.00		102.0	66.6	130				
Surr: Toluene-d8	46.0		50.00		91.9	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>LCSD-F090701-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>					Prep Date: <b>7/1/2009</b>	RunNo: <b>124112</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53934</b>	<b>SW5035</b>					Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322071</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	51.4	5.0	50.00	0	102.9	77.5	121	51.23	0.429	20	
1,1-Dichloroethene	42.1	5.0	50.00	0	84.3	52	133	40.71	3.45	20	
1,2-Dibromoethane	52.5	5.0	50.00	0	104.9	85.2	119	49.34	6.13	20	
1,2-Dichlorobenzene	53.2	5.0	50.00	0	106.4	84.2	122	52.19	1.88	20	
1,2-Dichloroethane	52.9	5.0	50.00	0	105.9	71.1	125	50.09	5.53	20	
1,3-Dichlorobenzene	54.0	5.0	50.00	0	108.1	83.3	125	54.03	0	20	
1,4-Dichlorobenzene	50.3	5.0	50.00	0	100.7	81.9	128	49.87	0.938	20	
2-Butanone	62.9	50.0	100.0	0	62.9	39.1	105	54.37	14.5	20	
Benzene	48.3	1.0	50.00	0	96.6	77.9	123	47.64	1.38	20	
Bromodichloromethane	56.5	5.0	50.00	0	113.0	87.9	119	55.41	1.91	20	
Carbon tetrachloride	53.5	5.0	50.00	0	107.0	77.5	128	53.24	0.468	20	
Chlorobenzene	54.2	5.0	50.00	0	108.4	87.8	120	53.43	1.43	20	
Chloroform	48.1	5.0	50.00	0	96.2	81.5	119	46.66	3.06	20	
Dibromochloromethane	55.4	5.0	50.00	0	110.8	88.6	119	52.39	5.60	20	
Ethylbenzene	55.5	5.0	50.00	0	111.1	80.9	119	54.94	1.09	20	
m,p-Xylenes	52.6	5.0	50.00	0	105.2	77.6	120	52.30	0.591	20	
Methyl tert-butyl ether	55.0	2.0	50.00	0	110.1	69.8	121	52.26	5.20	20	
Methylene chloride	53.0	5.0	50.00	0	106.0	71.5	124	51.62	2.60	20	
Naphthalene	60.8	10	50.00	0	121.5	75.7	123	55.86	8.42	20	
o-Xylene	51.3	5.0	50.00	0	102.6	82.4	124	50.57	1.47	20	
Tetrachloroethene	48.6	5.0	50.00	0	97.1	74.2	113	48.12	0.910	20	
Toluene	51.2	5.0	50.00	0	102.3	80.2	115	49.92	2.45	20	
Trichloroethene	52.5	5.0	50.00	0	104.9	83.3	118	52.36	0.210	20	
Surr: 1,2-Dichloroethane-d4	52.8		50.00		105.5	61	128		0	0	
Surr: 4-Bromofluorobenzene	48.9		50.00		97.8	78.2	117		0	0	
Surr: Dibromofluoromethane	51.6		50.00		103.2	66.6	130		0	0	
Surr: Toluene-d8	46.4		50.00		92.7	80.1	122		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>MBLK-F090701-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/1/2009</b>	RunNo: <b>124112</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53934</b>	<b>SW5035</b>	Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322072</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	10									
1,2,3-Trimethylbenzene	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
1-Chlorobutane	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.0									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.0									
4-Methyl-2-pentanone	ND	50.0									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>MBLK-F090701-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/1/2009</b>	RunNo: <b>124112</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53934</b>	<b>SW5035</b>	Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322072</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10									
Allyl chloride	ND	5.0									
Benzene	ND	1.0									
Bromobenzene	ND	5.0									
Bromochloromethane	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	10									
Carbon disulfide	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	10									
Chloroform	ND	5.0									
Chloromethane	ND	10									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	4.0									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	10									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.0									
Ethyl methacrylate	ND	5.0									
Ethylbenzene	ND	5.0									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.0									
Hexachloroethane	ND	5.0									
Iodomethane	ND	10									
Isopropylbenzene	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09061174

Report Date: 02-Jul-09

Sample ID: <b>MBLK-F090701-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/1/2009</b>	RunNo: <b>124112</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53934</b>	<b>SW5035</b>	Analysis Date: <b>7/1/2009</b>	SeqNo: <b>2322072</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylenes	ND	5.0									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.0									
Methyl tert-butyl ether	ND	2.0									
Methylacrylate	ND	10									
Methylene chloride	ND	5.0									
Naphthalene	ND	10									
n-Butylbenzene	ND	5.0									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.0									
o-Xylene	ND	5.0									
Pentachloroethane	ND	5.0									
p-Isopropyltoluene	ND	5.0									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	4.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.0									
Surr: 1,2-Dichloroethane-d4	50.9		50.00		101.8	61	128				
Surr: 4-Bromofluorobenzene	47.4		50.00		94.7	78.2	117				
Surr: Dibromofluoromethane	52.4		50.00		104.9	66.6	130				
Surr: Toluene-d8	47.3		50.00		94.7	80.1	122				

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09061174

**Report Date:** 02-Jul-09

**Carrier:** Kelly Klostermann

**Received By:** EC

**Completed by:**

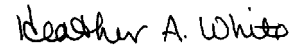


**On:**

30-Jun-09

Erin Clarke

**Reviewed by:**



**On:**

30-Jun-09

Heather A. White

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 1.8
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <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**  
 (618) 281-7173 Phone  
 (800) 733-7173  
 (618) 281-5120 Fax

09061174

COC Serial No. **B** 09227

Project Name: Amara Campaign Project Mgr.: Pete Szazama  
 Project Number: 62403053 Cost Code: 600000  
 Sampler(s): L. Hoosier  
 Laboratory Name: Teklab  
 Location: Collinsville IL  
 Matrix: Soil, Water, Air, Wipes, Other \*

Sample Number and (depth)	Date	Time	Analyses by Method Name and Number							Comments (Field PID)	Lab ID #'s
			VOCS (8260)	SVOCs (8270)	PAH (8270 SIMS)	PCRA Metals	Total Cyanide	Amenable Cyanide			
PI-A1-W(0-3)	6/30	0830	X	X	X	X	X	X			09061174 -001
PI-A1-W(5-8)	6/30	0845	X	X	X	X	X	X			-002
PI-AZ-W(0-3)	6/30	1020	X	X	X	X	X	X			-003
PI-AZ-W(5-6)	6/30	1030	X	X	X	X	X	X			-004

1 DAY

Teklab, Inc.  
Courier Pick Up

Laboratory Temperature upon Receipt  
1.8  
iced

**Samples Iced:**  Yes  No

**Preservatives (ONLY for Water Samples)**

- Volatile Organics . . . . . Hydrochloric acid (HCl)
- VOC Soil (5095) . . . . . 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: Pete Szazama

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

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

Special Guidelines: \* PUSH \*

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

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

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

**Relinquished by:** Signature: Julie Hoosier Date: 6/30/09 Time: 1247

Signature: Kelly Klotzmann Date: 6/30/09 Time: 1640

**Received by:** Signature: Kelly Klotzmann Date: 6/30/09 Time: 1347

Signature: [Signature] Date: 6/30/09 Time: 1640

July 01, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09061174

Dear Pete Sazama:

TEKLAB, INC received 4 samples on 6/30/2009 4:40:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09061174

**Report Date:** 01-Jul-09

**Cooler Receipt Temp:** 1.8 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

## 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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 09061174

**Lab ID:** 09061174-001

**Report Date:** 01-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C

**Client Sample ID:** P1-A1-W (0-3)

**Collection Date:** 6/30/2009 8:30:00 AM

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		3.17	mg/Kg-dry	1	7/1/2009 2:23:58 PM	LAL
Barium	NELAP	0.48		69.9	mg/Kg-dry	1	7/1/2009 2:23:58 PM	LAL
Cadmium	NELAP	0.19		0.74	mg/Kg-dry	1	7/1/2009 2:23:58 PM	LAL
Chromium	NELAP	0.96		12.4	mg/Kg-dry	1	7/1/2009 2:23:58 PM	LAL
Lead	NELAP	3.85		52.5	mg/Kg-dry	1	7/1/2009 2:23:58 PM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/1/2009 2:23:58 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.600		0.934	mg/Kg-dry	1	7/1/2009 2:14:04 PM	MEK
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,1,1-Trichloroethane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,1,2-Trichloroethane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,1-Dichloro-2-propanone		6630		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,1-Dichloroethane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,1-Dichloroethene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,1-Dichloropropene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,2,3-Trichloropropane	NELAP	1330		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,2,3-Trimethylbenzene		663	J	180	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	663	J	290	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,2-Dibromoethane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,2-Dichlorobenzene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,2-Dichloroethane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,2-Dichloropropane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,3-Dichlorobenzene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,3-Dichloropropane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1,4-Dichlorobenzene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
1-Chlorobutane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
2,2-Dichloropropane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
2-Butanone	NELAP	6630		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
2-Chlorotoluene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
2-Hexanone	NELAP	6630		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
2-Nitropropane	NELAP	6630		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-001  
**Report Date:** 01-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (0-3)  
**Collection Date:** 6/30/2009 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
4-Chlorotoluene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
4-Methyl-2-pentanone	NELAP	6630		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Acetone	NELAP	6630		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Acrolein	NELAP	13300		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Acrylonitrile	NELAP	1330		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Allyl chloride	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Benzene	NELAP	133		241	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Bromobenzene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Bromochloromethane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Bromodichloromethane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Bromoform	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Bromomethane	NELAP	1330		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Carbon disulfide	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Carbon tetrachloride	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Chlorobenzene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Chloroethane	NELAP	1330		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Chloroform	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Chloromethane	NELAP	1330		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	531		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Cyclohexanone		13300		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Dibromochloromethane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Dibromomethane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Dichlorodifluoromethane	NELAP	1330		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Ethyl acetate	NELAP	6630		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Ethyl ether	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Ethyl methacrylate	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Ethylbenzene	NELAP	663	J	260	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Heptane		2650		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Hexachlorobutadiene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Hexachloroethane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Iodomethane	NELAP	1330		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Isopropylbenzene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
m,p-Xylenes	NELAP	663	J	430	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Methacrylonitrile	NELAP	6630		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Methyl Methacrylate	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Methyl tert-butyl ether	NELAP	265		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Methylacrylate		1330		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-001  
**Report Date:** 01-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (0-3)  
**Collection Date:** 6/30/2009 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Methylene chloride	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Naphthalene	NELAP	1330		11000	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
n-Butylbenzene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
n-Hexane		2650		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Nitrobenzene	NELAP	13300		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
n-Propylbenzene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
o-Xylene	NELAP	663	J	210	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Pentachloroethane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
p-Isopropyltoluene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Propionitrile	NELAP	6630		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
sec-Butylbenzene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Styrene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
tert-Butylbenzene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Tetrachloroethene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Tetrahydrofuran	NELAP	6630		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Toluene	NELAP	663	J	530	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	531		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Trichloroethene	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Trichlorofluoromethane	NELAP	663		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Vinyl acetate	NELAP	6630		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Vinyl chloride	NELAP	265		ND	µg/Kg	50	6/30/2009 9:13:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		96.5	%REC	50	6/30/2009 9:13:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		94.7	%REC	50	6/30/2009 9:13:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		104.6	%REC	50	6/30/2009 9:13:00 PM	RWE
Surr: Toluene-d8		80.1-122		96.6	%REC	50	6/30/2009 9:13:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.010		0.072	mg/Kg	1	6/30/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.500		Interference	mg/Kg	1	7/1/2009 10:39:27 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.50		2.93	mg/Kg	1	7/1/2009 10:39:27 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-002  
**Report Date:** 01-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (5-8)  
**Collection Date:** 6/30/2009 8:45:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45	J	1.3	mg/Kg-dry	1	7/1/2009 2:30:29 PM	LAL
Barium	NELAP	0.49		125	mg/Kg-dry	1	7/1/2009 2:30:29 PM	LAL
Cadmium	NELAP	0.20	J	0.15	mg/Kg-dry	1	7/1/2009 2:30:29 PM	LAL
Chromium	NELAP	0.98		24.3	mg/Kg-dry	1	7/1/2009 2:30:29 PM	LAL
Lead	NELAP	3.92		22.7	mg/Kg-dry	1	7/1/2009 2:30:29 PM	LAL
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	7/1/2009 2:30:29 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.556		< 0.556	mg/Kg-dry	1	7/1/2009 2:17:26 PM	MEK
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,1-Dichloro-2-propanone		42300		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,1-Dichloroethane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,1-Dichloroethene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,1-Dichloropropene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,2,3-Trichloropropane	NELAP	8460		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,2,3-Trimethylbenzene		4230	J	3900	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4230		10600	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,2-Dibromoethane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,2-Dichloroethane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,2-Dichloropropane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4230	J	2800	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,3-Dichlorobenzene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,3-Dichloropropane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
1-Chlorobutane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
2,2-Dichloropropane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
2-Butanone	NELAP	42300		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
2-Chlorotoluene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
2-Hexanone	NELAP	42300		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
2-Nitropropane	NELAP	42300		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-002  
**Report Date:** 01-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (5-8)  
**Collection Date:** 6/30/2009 8:45:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
4-Chlorotoluene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
4-Methyl-2-pentanone	NELAP	42300		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Acetone	NELAP	42300		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Acrolein	NELAP	84600		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Acrylonitrile	NELAP	8460		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Allyl chloride	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Benzene	NELAP	846		1870	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Bromobenzene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Bromochloromethane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Bromodichloromethane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Bromoform	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Bromomethane	NELAP	8460		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Carbon disulfide	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Carbon tetrachloride	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Chlorobenzene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Chloroethane	NELAP	8460		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Chloroform	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Chloromethane	NELAP	8460		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3380		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Cyclohexanone		84600		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Dibromochloromethane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Dibromomethane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Dichlorodifluoromethane	NELAP	8460		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Ethyl acetate	NELAP	42300		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Ethyl ether	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Ethyl methacrylate	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Ethylbenzene	NELAP	4230		14600	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Heptane		16900		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Hexachlorobutadiene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Hexachloroethane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Iodomethane	NELAP	8460		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Isopropylbenzene	NELAP	4230	J	2000	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
m,p-Xylenes	NELAP	4230		4230	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Methacrylonitrile	NELAP	42300		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Methyl Methacrylate	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Methyl tert-butyl ether	NELAP	1690		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Methylacrylate		8460		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE

## 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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-002  
**Report Date:** 01-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (5-8)  
**Collection Date:** 6/30/2009 8:45:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Methylene chloride	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Naphthalene	NELAP	16900		326000	µg/Kg	1000	7/1/2009 9:19:00 AM	RWE
n-Butylbenzene	NELAP	4230	J	3600	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
n-Hexane		16900		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Nitrobenzene	NELAP	84600		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
n-Propylbenzene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
o-Xylene	NELAP	4230		5390	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Pentachloroethane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
p-Isopropyltoluene	NELAP	4230	J	990	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Propionitrile	NELAP	42300		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
sec-Butylbenzene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Styrene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
tert-Butylbenzene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Tetrachloroethene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Tetrahydrofuran	NELAP	42300		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Toluene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3380		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Trichloroethene	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Trichlorofluoromethane	NELAP	4230		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Vinyl acetate	NELAP	42300		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Vinyl chloride	NELAP	1690		ND	µg/Kg	500	6/30/2009 9:40:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		97.2	%REC	500	6/30/2009 9:40:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		98.4	%REC	500	6/30/2009 9:40:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		102.2	%REC	500	6/30/2009 9:40:00 PM	RWE
Surr: Toluene-d8		80.1-122		93.5	%REC	500	6/30/2009 9:40:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.010		0.035	mg/Kg	1	6/30/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.00		Interference	mg/Kg	4	7/1/2009 10:39:27 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.50		10.6	mg/Kg	1	7/1/2009 10:39:27 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-003  
**Report Date:** 01-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (0-3)  
**Collection Date:** 6/30/2009 10:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		< 2.50	mg/Kg-dry	1	7/1/2009 2:37:09 PM	LAL
Barium	NELAP	0.50		115	mg/Kg-dry	1	7/1/2009 2:37:09 PM	LAL
Cadmium	NELAP	0.20	J	0.11	mg/Kg-dry	1	7/1/2009 2:37:09 PM	LAL
Chromium	NELAP	1.00		24.9	mg/Kg-dry	1	7/1/2009 2:37:09 PM	LAL
Lead	NELAP	4.00		15.7	mg/Kg-dry	1	7/1/2009 2:37:09 PM	LAL
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/1/2009 2:37:09 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	7/1/2009 2:20:46 PM	MEK
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,1-Dichloro-2-propanone		43400		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,1-Dichloroethane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,1-Dichloroethene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,1-Dichloropropene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,2,3-Trichloropropane	NELAP	8680		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,2,3-Trimethylbenzene		4340	J	2700	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4340		7150	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,2-Dibromoethane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,2-Dichloroethane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,2-Dichloropropane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4340	J	2100	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,3-Dichlorobenzene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,3-Dichloropropane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
1-Chlorobutane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
2,2-Dichloropropane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
2-Butanone	NELAP	43400		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
2-Chlorotoluene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
2-Hexanone	NELAP	43400		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
2-Nitropropane	NELAP	43400		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-003  
**Report Date:** 01-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (0-3)  
**Collection Date:** 6/30/2009 10:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
4-Chlorotoluene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
4-Methyl-2-pentanone	NELAP	43400		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Acetone	NELAP	43400		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Acrolein	NELAP	86800		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Acrylonitrile	NELAP	8680		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Allyl chloride	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Benzene	NELAP	868		2990	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Bromobenzene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Bromochloromethane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Bromodichloromethane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Bromoform	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Bromomethane	NELAP	8680		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Carbon disulfide	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Carbon tetrachloride	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Chlorobenzene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Chloroethane	NELAP	8680		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Chloroform	NELAP	4340	J	2100	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Chloromethane	NELAP	8680		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3470		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Cyclohexanone		86800		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Dibromochloromethane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Dibromomethane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Dichlorodifluoromethane	NELAP	8680		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Ethyl acetate	NELAP	43400		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Ethyl ether	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Ethyl methacrylate	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Ethylbenzene	NELAP	4340		12800	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Heptane		17400		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Hexachlorobutadiene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Hexachloroethane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Iodomethane	NELAP	8680		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Isopropylbenzene	NELAP	4340	J	1600	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
m,p-Xylenes	NELAP	4340		6610	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Methacrylonitrile	NELAP	43400		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Methyl Methacrylate	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Methyl tert-butyl ether	NELAP	1740		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Methylacrylate		8680		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE

## 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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-003  
**Report Date:** 01-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (0-3)  
**Collection Date:** 6/30/2009 10:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Methylene chloride	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Naphthalene	NELAP	17400		193000	µg/Kg	1000	7/1/2009 9:46:00 AM	RWE
n-Butylbenzene	NELAP	4340	J	3500	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
n-Hexane		17400		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Nitrobenzene	NELAP	86800		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
n-Propylbenzene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
o-Xylene	NELAP	4340	J	4300	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Pentachloroethane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
p-Isopropyltoluene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Propionitrile	NELAP	43400		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
sec-Butylbenzene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Styrene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
tert-Butylbenzene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Tetrachloroethene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Tetrahydrofuran	NELAP	43400		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Toluene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3470		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Trichloroethene	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Trichlorofluoromethane	NELAP	4340		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Vinyl acetate	NELAP	43400		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Vinyl chloride	NELAP	1740		ND	µg/Kg	500	6/30/2009 10:07:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		102.0	%REC	500	6/30/2009 10:07:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		100.5	%REC	500	6/30/2009 10:07:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		103.9	%REC	500	6/30/2009 10:07:00 PM	RWE
Surr: Toluene-d8		80.1-122		91.3	%REC	500	6/30/2009 10:07:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.010		0.048	mg/Kg	1	6/30/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.00		Interference	mg/Kg	4	7/1/2009 10:39:27 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.50		12.4	mg/Kg	1	7/1/2009 10:39:27 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-004  
**Report Date:** 01-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (5-6)  
**Collection Date:** 6/30/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40	S	< 2.40	mg/Kg-dry	1	7/1/2009 2:43:50 PM	LAL
Barium	NELAP	0.48		139	mg/Kg-dry	1	7/1/2009 2:43:50 PM	LAL
Cadmium	NELAP	0.19	J	0.11	mg/Kg-dry	1	7/1/2009 2:43:50 PM	LAL
Chromium	NELAP	0.96		23.4	mg/Kg-dry	1	7/1/2009 2:43:50 PM	LAL
Lead	NELAP	3.85		17.3	mg/Kg-dry	1	7/1/2009 2:43:50 PM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/1/2009 2:43:50 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.588	J	0.39	mg/Kg-dry	1	7/1/2009 2:37:40 PM	MEK
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,1-Dichloro-2-propanone		54500		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,1-Dichloroethane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,1-Dichloroethene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,1-Dichloropropene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10900		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,2,3-Trimethylbenzene		5450	J	3900	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5450		10400	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,2-Dibromoethane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,2-Dichloroethane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,2-Dichloropropane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5450	J	2700	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,3-Dichloropropane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
1-Chlorobutane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
2,2-Dichloropropane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
2-Butanone	NELAP	54500		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
2-Chlorotoluene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
2-Hexanone	NELAP	54500		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
2-Nitropropane	NELAP	54500		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-004  
**Report Date:** 01-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (5-6)  
**Collection Date:** 6/30/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
4-Chlorotoluene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
4-Methyl-2-pentanone	NELAP	54500		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Acetone	NELAP	54500		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Acrolein	NELAP	109000		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Acrylonitrile	NELAP	10900		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Allyl chloride	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Benzene	NELAP	1090		1830	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Bromobenzene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Bromochloromethane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Bromodichloromethane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Bromoform	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Bromomethane	NELAP	10900		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Carbon disulfide	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Carbon tetrachloride	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Chlorobenzene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Chloroethane	NELAP	10900		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Chloroform	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Chloromethane	NELAP	10900		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4360		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Cyclohexanone		109000		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Dibromochloromethane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Dibromomethane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Dichlorodifluoromethane	NELAP	10900		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Ethyl acetate	NELAP	54500		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Ethyl ether	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Ethyl methacrylate	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Ethylbenzene	NELAP	5450		13700	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Heptane		21800		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Hexachlorobutadiene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Hexachloroethane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Iodomethane	NELAP	10900		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Isopropylbenzene	NELAP	5450	J	2000	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
m,p-Xylenes	NELAP	5450		7530	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Methacrylonitrile	NELAP	54500		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Methyl Methacrylate	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Methyl tert-butyl ether	NELAP	2180		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Methylacrylate		10900		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09061174  
**Lab ID:** 09061174-004  
**Report Date:** 01-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-AZ-W (5-6)  
**Collection Date:** 6/30/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Methylene chloride	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Naphthalene	NELAP	21800		298000	µg/Kg	1000	7/1/2009 10:13:00 AM	RWE
n-Butylbenzene	NELAP	5450	J	3700	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
n-Hexane		21800		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Nitrobenzene	NELAP	109000		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
n-Propylbenzene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
o-Xylene	NELAP	5450		5630	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Pentachloroethane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
p-Isopropyltoluene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Propionitrile	NELAP	54500		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
sec-Butylbenzene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Styrene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
tert-Butylbenzene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Tetrachloroethene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Tetrahydrofuran	NELAP	54500		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Toluene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4360		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Trichloroethene	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Trichlorofluoromethane	NELAP	5450		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Vinyl acetate	NELAP	54500		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Vinyl chloride	NELAP	2180		ND	µg/Kg	500	6/30/2009 10:35:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		98.9	%REC	500	6/30/2009 10:35:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		101.1	%REC	500	6/30/2009 10:35:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		101.3	%REC	500	6/30/2009 10:35:00 PM	RWE
Surr: Toluene-d8		80.1-122		93.3	%REC	500	6/30/2009 10:35:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.010		0.033	mg/Kg	1	6/30/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.00		Interference	mg/Kg	4	7/1/2009 10:39:27 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	2.00		32.4	mg/Kg	4	7/1/2009 10:39:27 AM	RCE

### Sample Narrative

SW-846 3050B, 6010B, Metals by ICP

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

Matrix spike diluted out.

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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 09061174

**Lab ID:** 09061174-004

**Report Date:** 01-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C

**Client Sample ID:** P1-AZ-W (5-6)

**Collection Date:** 6/30/2009 10:30:00 AM

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
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SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09061174

**Report Date:** 01-Jul-09

Carrier: Kelly Klostermann

Received By: EC

Completed by:

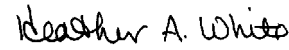


On:

30-Jun-09

Erin Clarke

Reviewed by:



On:

30-Jun-09

Heather A. White

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 1.8
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <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.

July 06, 2009

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



**RE:** A831-735002-012901-225/IP Champaign 62403053

**WorkOrder:** 09070139

Dear Pete Sazama:

TEKLAB, INC received 4 samples on 7/2/2009 4:47:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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,

A handwritten signature in black ink that reads "Heather A. White".

Heather A. White  
Project Manager  
(618)344-1004 ex 20

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/IP Champaign 62403053

**Lab Order:** 09070139

**Report Date:** 06-Jul-09

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Lab Sample ID	Client Sample ID	Fractions	Collection Date
09070139-001	P1-B1.5-F (11-12)	6	6/30/2009 2:00:00 PM
09070139-002	P1-B2-F (22)	6	7/1/2009 8:40:00 AM
09070139-003	P1-B2-F (24-25)	6	7/2/2009 9:59:00 AM
09070139-004	P1WW-2	5	7/2/2009 12:50:00 PM

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/IP Champaign 62403053

**LabOrder:** 09070139

**Report Date:** 06-Jul-09

**Cooler Receipt Temp:** 3.0 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/IP Champ

**WorkOrder:** 09070139

**Client Sample ID:** P1-B2-F (22)

**Lab ID:** 09070139-002

**Collection Date:** 7/1/2009 8:40:00 AM

**Report Date:** 06-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		9.9	%	1	7/2/2009 5:30:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		90.1	%	1	7/2/2009 5:30:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		5.74	mg/Kg-dry	1	7/6/2009 11:12:36 AM	LAL
Barium	NELAP	0.48		16.4	mg/Kg-dry	1	7/6/2009 11:12:36 AM	LAL
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	7/6/2009 11:12:36 AM	LAL
Chromium	NELAP	0.96		13.3	mg/Kg-dry	1	7/6/2009 11:12:36 AM	LAL
Lead	NELAP	3.85		11.1	mg/Kg-dry	1	7/6/2009 11:12:36 AM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/6/2009 11:12:36 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	7/3/2009 1:19:26 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.191		8.03	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Acenaphthylene	NELAP	0.191		0.550	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Anthracene	NELAP	0.191		1.10	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Benzo(a)anthracene	NELAP	0.191		0.382	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Benzo(a)pyrene	NELAP	0.191		0.219	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.191		0.193	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.191		ND	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.191		ND	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	3.76		ND	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Chrysene	NELAP	0.191		0.256	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.191		ND	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Fluoranthene	NELAP	0.191		0.829	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Fluorene	NELAP	0.191		2.88	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.191		ND	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Naphthalene	NELAP	0.191		34.2	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Phenanthrene	NELAP	0.191		4.98	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Pyrene	NELAP	0.191		1.05	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		18.0	%REC	50	7/3/2009 1:40:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		20.0	%REC	50	7/3/2009 1:40:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131	S	20.0	%REC	50	7/3/2009 1:40:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	5.61	S	ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
1,2-Dichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
1,3-Dichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
1,4-Dichlorobenzene	NELAP	5.61	S	ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-002  
**Report Date:** 06-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (22)  
**Collection Date:** 7/1/2009 8:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2,4-Dichlorophenol	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2,4-Dimethylphenol	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2,4-Dinitrophenol	NELAP	11.2	S	ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2,4-Dinitrotoluene	NELAP	3.93	S	ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2,6-Dinitrotoluene	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2-Chloronaphthalene	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2-Chlorophenol	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2-Methoxy-4-methylphenol		7.30		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2-Methylnaphthalene	NELAP	3.93		18.1	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2-Nitroaniline	NELAP	11.2		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2-Nitrophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
3-Nitroaniline	NELAP	11.2		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	11.2		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
4-Chloroaniline	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
4-Nitroaniline	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
4-Nitrophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Aniline	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Azobenzene		3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Benzidine	NELAP	11.9		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Benzoic acid	NELAP	16.8		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Benzyl alcohol	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Butyl benzyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Carbazole		5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Dibenzofuran	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Diethyl phthalate	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Dimethyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Di-n-butyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Di-n-octyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Hexachlorobenzene	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-002  
**Report Date:** 06-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (22)  
**Collection Date:** 7/1/2009 8:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Hexachloroethane	NELAP	5.61	S	ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Isophorone	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
m,p-Cresol	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Nitrobenzene	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
N-Nitrosodimethylamine	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
o-Cresol	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Pentachlorophenol	NELAP	22.4	S	ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Phenol	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Pyridine	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
1,2-Diphenylhydrazine		9.43		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		67.1	%REC	10	7/3/2009 11:49:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		87.4	%REC	10	7/3/2009 11:49:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		67.9	%REC	10	7/3/2009 11:49:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		70.3	%REC	10	7/3/2009 11:49:00 AM	DMH
Surr: Phenol-d5		34.9-110		76.0	%REC	10	7/3/2009 11:49:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		87.8	%REC	10	7/3/2009 11:49:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1,1-Trichloroethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1,2-Trichloroethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1-Dichloro-2-propanone		68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1-Dichloroethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1-Dichloroethene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1-Dichloropropene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2,3-Trichloropropane	NELAP	13800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2,3-Trimethylbenzene		6880	J	1800	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	6880	J	5000	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2-Dibromoethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2-Dichlorobenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/IP Champ

**WorkOrder:** 09070139

**Client Sample ID:** P1-B2-F (22)

**Lab ID:** 09070139-002

**Collection Date:** 7/1/2009 8:40:00 AM

**Report Date:** 06-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2-Dichloropropane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	6880	J	1500	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,3-Dichlorobenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,3-Dichloropropane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,4-Dichlorobenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1-Chlorobutane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
2,2-Dichloropropane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
2-Butanone	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
2-Chlorotoluene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
2-Hexanone	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
2-Nitropropane	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
4-Chlorotoluene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
4-Methyl-2-pentanone	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Acetone	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Acrolein	NELAP	138000		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Acrylonitrile	NELAP	13800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Allyl chloride	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Benzene	NELAP	1380		13700	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Bromobenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Bromochloromethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Bromodichloromethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Bromoform	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Bromomethane	NELAP	13800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Carbon disulfide	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Carbon tetrachloride	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Chlorobenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Chloroethane	NELAP	13800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Chloroform	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Chloromethane	NELAP	13800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	5510		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Cyclohexanone		138000		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Dibromochloromethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Dibromomethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Dichlorodifluoromethane	NELAP	13800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Ethyl acetate	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Ethyl ether	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-002  
**Report Date:** 06-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (22)  
**Collection Date:** 7/1/2009 8:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Ethylbenzene	NELAP	6880	J	5700	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Heptane		27500		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Hexachlorobutadiene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Hexachloroethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Iodomethane	NELAP	13800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Isopropylbenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
m,p-Xylenes	NELAP	6880		8800	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Methacrylonitrile	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Methyl Methacrylate	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Methyl tert-butyl ether	NELAP	2750		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Methylacrylate		13800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Methylene chloride	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Naphthalene	NELAP	13800		154000	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
n-Butylbenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
n-Hexane		27500		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Nitrobenzene	NELAP	138000		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
n-Propylbenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
o-Xylene	NELAP	6880	J	3900	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Pentachloroethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
p-Isopropyltoluene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Propionitrile	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
sec-Butylbenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Styrene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
tert-Butylbenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Tetrachloroethene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Tetrahydrofuran	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Toluene	NELAP	6880		14900	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	5510		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Trichloroethene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Trichlorofluoromethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Vinyl acetate	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Vinyl chloride	NELAP	2750		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		98.4	%REC	500	7/2/2009 8:39:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		105.1	%REC	500	7/2/2009 8:39:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		103.6	%REC	500	7/2/2009 8:39:00 PM	JSA
Surr: Toluene-d8		80.1-122		99.1	%REC	500	7/2/2009 8:39:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-002  
**Report Date:** 06-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (22)  
**Collection Date:** 7/1/2009 8:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.011</b>	mg/Kg-dry	1	7/2/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.555		<b>&lt; 0.555</b>	mg/Kg-dry	1	7/3/2009 8:38:56 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.55		<b>&lt; 0.55</b>	mg/Kg-dry	1	7/3/2009 8:38:56 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

Surrogate recovery was outside QC limits due to sample dilution.

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/IP Champ

**WorkOrder:** 09070139

**Client Sample ID:** P1-B2-F (24-25)

**Lab ID:** 09070139-003

**Collection Date:** 7/2/2009 9:59:00 AM

**Report Date:** 06-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst	
<b><u>ASTM D2974</u></b>									
Percent Moisture		0.1		9.2	%	1	7/2/2009 5:30:00 PM	MAB	
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>									
Total Solids		0.1		90.8	%	1	7/2/2009 5:30:00 PM	MAB	
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>									
Arsenic	NELAP	2.36		5.55	mg/Kg-dry	1	7/6/2009 10:53:12 AM	LAL	
Barium	NELAP	0.47		22.7	mg/Kg-dry	1	7/6/2009 10:53:12 AM	LAL	
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	7/6/2009 10:53:12 AM	LAL	
Chromium	NELAP	0.94		12.4	mg/Kg-dry	1	7/6/2009 10:53:12 AM	LAL	
Lead	NELAP	3.77		11.1	mg/Kg-dry	1	7/6/2009 10:53:12 AM	LAL	
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	7/6/2009 10:53:12 AM	LAL	
<b><u>SW-846 3050B, METALS BY GFAA</u></b>									
Selenium	7740	NELAP	0.577	S	< 0.577	mg/Kg-dry	1	7/3/2009 1:22:46 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
Acenaphthene	NELAP	0.008	SR	0.114	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Acenaphthylene	NELAP	0.008	SR	0.096	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Anthracene	NELAP	0.008	SR	0.091	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Benzo(a)anthracene	NELAP	0.008	SR	0.060	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Benzo(a)pyrene	NELAP	0.008	SR	0.051	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Benzo(b)fluoranthene	NELAP	0.008	SR	0.044	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Benzo(g,h,i)perylene	NELAP	0.008		0.023	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Benzo(k)fluoranthene	NELAP	0.008		0.014	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Bis(2-ethylhexyl)phthalate	NELAP	0.148		ND	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Chrysene	NELAP	0.008	SR	0.059	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Dibenzo(a,h)anthracene	NELAP	0.008		ND	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Fluoranthene	NELAP	0.008	SR	0.121	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Fluorene	NELAP	0.008	SR	0.113	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Indeno(1,2,3-cd)pyrene	NELAP	0.008		0.016	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Naphthalene	NELAP	0.008	SR	0.951	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Phenanthrene	NELAP	0.008	SR	0.387	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Pyrene	NELAP	0.008	SR	0.172	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH	
Surr: 2-Fluorobiphenyl		10-131		64.9	%REC	2	7/3/2009 2:15:00 PM	DMH	
Surr: Nitrobenzene-d5		10-132		74.7	%REC	2	7/3/2009 2:15:00 PM	DMH	
Surr: p-Terphenyl-d14		30.6-131		74.7	%REC	2	7/3/2009 2:15:00 PM	DMH	
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
1,2,4-Trichlorobenzene	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH	
1,2-Dichlorobenzene	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH	
1,3-Dichlorobenzene	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH	
1,4-Dichlorobenzene	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH	

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-003  
**Report Date:** 06-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (24-25)  
**Collection Date:** 7/2/2009 9:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.552	J	0.35	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.10		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2-Chloronaphthalene	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2-Chlorophenol	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2-Methoxy-4-methylphenol		0.718		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2-Methylnaphthalene	NELAP	0.386		0.438	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2-Nitrophenol	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
3-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.10		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
4-Chloroaniline	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
4-Nitroaniline	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
4-Nitrophenol	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Aniline	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Azobenzene		0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Benzidine	NELAP	1.17		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Benzoic acid	NELAP	1.66		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Benzyl alcohol	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Carbazole		0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Dibenzofuran	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Diethyl phthalate	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Dimethyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Hexachlorobenzene	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-003  
**Report Date:** 06-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (24-25)  
**Collection Date:** 7/2/2009 9:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Hexachloroethane	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Isophorone	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
m,p-Cresol	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Nitrobenzene	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
o-Cresol	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Pentachlorophenol	NELAP	2.21		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Phenol	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Pyridine	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
1,2-Diphenylhydrazine		0.927		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		91.1	%REC	1	7/3/2009 11:19:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		89.1	%REC	1	7/3/2009 11:19:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		79.8	%REC	1	7/3/2009 11:19:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		75.2	%REC	1	7/3/2009 11:19:00 AM	DMH
Surr: Phenol-d5		34.9-110		83.7	%REC	1	7/3/2009 11:19:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		85.1	%REC	1	7/3/2009 11:19:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1,1-Trichloroethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1,2-Trichloroethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1-Dichloro-2-propanone		39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1-Dichloroethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1-Dichloroethene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1-Dichloropropene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2,3-Trichloropropane	NELAP	7920		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2,3-Trimethylbenzene		3960	J	3000	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	3960		8220	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2-Dibromoethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2-Dichlorobenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-003  
**Report Date:** 06-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (24-25)  
**Collection Date:** 7/2/2009 9:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2-Dichloropropane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	3960	J	2200	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,3-Dichlorobenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,3-Dichloropropane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,4-Dichlorobenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1-Chlorobutane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
2,2-Dichloropropane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
2-Butanone	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
2-Chlorotoluene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
2-Hexanone	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
2-Nitropropane	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
4-Chlorotoluene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
4-Methyl-2-pentanone	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Acetone	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Acrolein	NELAP	79200		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Acrylonitrile	NELAP	7920		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Allyl chloride	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Benzene	NELAP	792		10900	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Bromobenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Bromochloromethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Bromodichloromethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Bromoform	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Bromomethane	NELAP	7920		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Carbon disulfide	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Carbon tetrachloride	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Chlorobenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Chloroethane	NELAP	7920		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Chloroform	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Chloromethane	NELAP	7920		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	3170		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Cyclohexanone		79200		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Dibromochloromethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Dibromomethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Dichlorodifluoromethane	NELAP	7920		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Ethyl acetate	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Ethyl ether	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-003  
**Report Date:** 06-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (24-25)  
**Collection Date:** 7/2/2009 9:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Ethyl methacrylate	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Ethylbenzene	NELAP	3960		12300	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Heptane		15800		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Hexachlorobutadiene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Hexachloroethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Iodomethane	NELAP	7920		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Isopropylbenzene	NELAP	3960	J	900	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
m,p-Xylenes	NELAP	3960		10500	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Methacrylonitrile	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Methyl Methacrylate	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Methyl tert-butyl ether	NELAP	1580		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Methylacrylate		7920		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Methylene chloride	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Naphthalene	NELAP	19800		189000	µg/Kg-dry	1250	7/2/2009 9:06:00 PM	JSA
n-Butylbenzene	NELAP	3960	J	1400	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
n-Hexane		15800		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Nitrobenzene	NELAP	79200		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
n-Propylbenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
o-Xylene	NELAP	3960		5430	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Pentachloroethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
p-Isopropyltoluene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Propionitrile	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
sec-Butylbenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Styrene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
tert-Butylbenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Tetrachloroethene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Tetrahydrofuran	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Toluene	NELAP	3960		12000	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	3170		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Trichloroethene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Trichlorofluoromethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Vinyl acetate	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Vinyl chloride	NELAP	1580		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		100.6	%REC	500	7/2/2009 7:18:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		107.5	%REC	500	7/2/2009 7:18:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		105.2	%REC	500	7/2/2009 7:18:00 PM	JSA
Surr: Toluene-d8		80.1-122		98.5	%REC	500	7/2/2009 7:18:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-003  
**Report Date:** 06-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (24-25)  
**Collection Date:** 7/2/2009 9:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		<b>0.014</b>	mg/Kg-dry	1	7/3/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.551		<b>Interference</b>	mg/Kg-dry	1	7/3/2009 8:38:56 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.55		<b>&lt; 0.55</b>	mg/Kg-dry	1	7/3/2009 8:38:56 AM	RCE

### Sample Narrative

SW-846 3050B, Metals by GFAA

Se- Matrix interference present in sample.

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/IP Champ

**WorkOrder:** 09070139

**Client Sample ID:** P1WW-2

**Lab ID:** 09070139-004

**Collection Date:** 7/2/2009 12:50:00 PM

**Report Date:** 06-Jul-09

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</u></b>								
Arsenic	NELAP	0.0250		< 0.0250	mg/L	1	7/6/2009 10:14:02 AM	LAL
Barium	NELAP	0.0050		0.166	mg/L	1	7/6/2009 10:14:02 AM	LAL
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	7/6/2009 10:14:02 AM	LAL
Chromium	NELAP	0.0100		< 0.0100	mg/L	1	7/6/2009 10:14:02 AM	LAL
Selenium	NELAP	0.0500		< 0.0500	mg/L	1	7/6/2009 10:14:02 AM	LAL
Silver	NELAP	0.0100		< 0.0100	mg/L	1	7/6/2009 10:14:02 AM	LAL
<b><u>SW-846 3020A, METALS BY GFAA (TOTAL)</u></b>								
Lead 7421	NELAP	0.0020		0.0052	mg/L	1	7/3/2009 10:11:34 AM	MEK
<b><u>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.0100		0.205	mg/L	100	7/3/2009 3:24:00 PM	DMH
Acenaphthylene	NELAP	0.00010		0.0127	mg/L	1	7/3/2009 10:48:00 AM	DMH
Anthracene	NELAP	0.00010		0.0255	mg/L	1	7/3/2009 10:48:00 AM	DMH
Benzo(a)anthracene	NELAP	0.00010		0.00782	mg/L	1	7/3/2009 10:48:00 AM	DMH
Benzo(a)pyrene	NELAP	0.00010		0.00606	mg/L	1	7/3/2009 10:48:00 AM	DMH
Benzo(b)fluoranthene	NELAP	0.00010		0.00535	mg/L	1	7/3/2009 10:48:00 AM	DMH
Benzo(g,h,i)perylene	NELAP	0.00010		0.00213	mg/L	1	7/3/2009 10:48:00 AM	DMH
Benzo(k)fluoranthene	NELAP	0.00010		0.00164	mg/L	1	7/3/2009 10:48:00 AM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00503	mg/L	1	7/3/2009 10:48:00 AM	DMH
Chrysene	NELAP	0.00010		0.00799	mg/L	1	7/3/2009 10:48:00 AM	DMH
Dibenzo(a,h)anthracene	NELAP	0.00010		0.00066	mg/L	1	7/3/2009 10:48:00 AM	DMH
Diethyl phthalate	NELAP	0.00100	J	0.00081	mg/L	1	7/3/2009 10:48:00 AM	DMH
Dimethyl phthalate	NELAP	0.100		ND	mg/L	100	7/3/2009 3:24:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.00100		0.00363	mg/L	1	7/3/2009 10:48:00 AM	DMH
Fluoranthene	NELAP	0.00010		0.0242	mg/L	1	7/3/2009 10:48:00 AM	DMH
Fluorene	NELAP	0.0100		0.0724	mg/L	100	7/3/2009 3:24:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		0.00187	mg/L	1	7/3/2009 10:48:00 AM	DMH
m,p-Cresol	NELAP	0.00010		0.0103	mg/L	1	7/3/2009 10:48:00 AM	DMH
Naphthalene	NELAP	0.0100		0.969	mg/L	100	7/3/2009 3:24:00 PM	DMH
o-Cresol	NELAP	0.00010		0.00952	mg/L	1	7/3/2009 10:48:00 AM	DMH
Phenanthrene	NELAP	0.0100		0.128	mg/L	100	7/3/2009 3:24:00 PM	DMH
Pyrene	NELAP	0.00010		0.0301	mg/L	1	7/3/2009 10:48:00 AM	DMH
Total PNAs except Naphthalene		0.00013		0.544	mg/L	1	7/3/2009 10:48:00 AM	DMH
Surr: 2-Fluorobiphenyl		41.1-108		98.0	%REC	100	7/3/2009 3:24:00 PM	DMH
Surr: 2-Fluorophenol		16.8-65.9		38.8	%REC	1	7/3/2009 10:48:00 AM	DMH
Surr: Nitrobenzene-d5		37.6-105		70.0	%REC	100	7/3/2009 3:24:00 PM	DMH
Surr: Phenol-d5		11-42.8		33.3	%REC	1	7/3/2009 10:48:00 AM	DMH
Surr: p-Terphenyl-d14		49-113		97.2	%REC	1	7/3/2009 10:48:00 AM	DMH

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-004  
**Report Date:** 06-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1WW-2  
**Collection Date:** 7/2/2009 12:50:00 PM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.010		0.016	mg/L	1	7/3/2009 10:23:00 AM	DMH
2,4-Dinitrophenol	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2-Chloronaphthalene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2-Chlorophenol	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2-Methoxy-4-methylphenol		0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2-Methylnaphthalene	NELAP	0.100		0.415	mg/L	10	7/3/2009 10:57:00 AM	DMH
2-Nitroaniline	NELAP	0.040		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2-Nitrophenol	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
3-Nitroaniline	NELAP	0.040		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
4-Chloroaniline	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
4-Nitroaniline	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
4-Nitrophenol	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Aniline	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Azobenzene		0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Benzidine	NELAP	0.040		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Benzoic acid	NELAP	0.050		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Benzyl alcohol	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Carbazole	NELAP	0.020		0.037	mg/L	1	7/3/2009 10:23:00 AM	DMH
Dibenzofuran	NELAP	0.010		0.018	mg/L	1	7/3/2009 10:23:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-004  
**Report Date:** 06-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1WW-2  
**Collection Date:** 7/2/2009 12:50:00 PM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3510C, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobenzene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Hexachlorobutadiene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Hexachloroethane	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Isophorone	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Nitrobenzene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Pentachlorophenol	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Phenol	NELAP	0.005		0.012	mg/L	1	7/3/2009 10:23:00 AM	DMH
Pyridine	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Quinoline		0.005		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Surr: 2,4,6-Tribromophenol		27.7-149		85.1	%REC	1	7/3/2009 10:23:00 AM	DMH
Surr: 2-Fluorobiphenyl		44.9-116		48.9	%REC	1	7/3/2009 10:23:00 AM	DMH
Surr: 2-Fluorophenol		10.6-78.7		49.9	%REC	1	7/3/2009 10:23:00 AM	DMH
Surr: Nitrobenzene-d5		41.4-104		50.5	%REC	1	7/3/2009 10:23:00 AM	DMH
Surr: Phenol-d5		9.04-52.9		29.3	%REC	1	7/3/2009 10:23:00 AM	DMH
Surr: p-Terphenyl-d14		23.5-114		76.0	%REC	1	7/3/2009 10:23:00 AM	DMH
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1,1-Trichloroethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1,2,2-Tetrachloroethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1,2-Trichloro-1,2,2-trifluoroethane		1000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1,2-Trichloroethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1-Dichloro-2-propanone		2500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1-Dichloroethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1-Dichloroethene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1-Dichloropropene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2,3-Trichlorobenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2,3-Trichloropropane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2,3-Trimethylbenzene		250	J	86	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2,4-Trichlorobenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2,4-Trimethylbenzene	NELAP	250	J	180	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2-Dibromo-3-chloropropane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2-Dibromoethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2-Dichlorobenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2-Dichloroethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-004  
**Report Date:** 06-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1WW-2  
**Collection Date:** 7/2/2009 12:50:00 PM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2-Dichloropropane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,3,5-Trimethylbenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,3-Dichlorobenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,3-Dichloropropane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,4-Dichlorobenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1-Chlorobutane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
2,2-Dichloropropane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
2-Butanone	NELAP	1250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
2-Chloroethyl vinyl ether	NELAP	1000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
2-Chlorotoluene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
2-Hexanone	NELAP	1250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
2-Nitropropane	NELAP	2500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
4-Chlorotoluene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
4-Methyl-2-pentanone	NELAP	1250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Acetone	NELAP	1250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Acetonitrile	NELAP	2500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Acrolein	NELAP	5000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Acrylonitrile	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Allyl chloride	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Benzene	NELAP	100		1450	µg/L	50	7/3/2009 3:49:00 AM	CCF
Bromobenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Bromochloromethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Bromodichloromethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Bromoform	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Bromomethane	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Butyl acetate		1250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Carbon disulfide	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Carbon tetrachloride	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Chlorobenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Chloroethane	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Chloroform	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Chloromethane	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Chloroprene	NELAP	1000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
cis-1,2-Dichloroethene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
cis-1,3-Dichloropropene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
cis-1,4-Dichloro-2-butene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Cyclohexanone		2500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Dibromochloromethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-004  
**Report Date:** 06-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1WW-2  
**Collection Date:** 7/2/2009 12:50:00 PM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Dibromomethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Dichlorodifluoromethane	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Ethyl acetate	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Ethyl ether	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Ethyl methacrylate	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Ethylbenzene	NELAP	250		806	µg/L	50	7/3/2009 3:49:00 AM	CCF
Heptane		1000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Hexachlorobutadiene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Hexachloroethane	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Iodomethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Isopropylbenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
m,p-Xylenes	NELAP	250		366	µg/L	50	7/3/2009 3:49:00 AM	CCF
Methacrylonitrile	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Methyl Methacrylate	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Methyl tert-butyl ether	NELAP	100		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Methylacrylate		500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Methylene chloride	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Naphthalene	NELAP	500		4060	µg/L	50	7/3/2009 3:49:00 AM	CCF
n-Butylbenzene	NELAP	250	J	120	µg/L	50	7/3/2009 3:49:00 AM	CCF
n-Hexane		1000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Nitrobenzene	NELAP	2500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
n-Propylbenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
o-Xylene	NELAP	250		330	µg/L	50	7/3/2009 3:49:00 AM	CCF
Pentachloroethane	NELAP	1000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
p-Isopropyltoluene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Propionitrile	NELAP	2500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
sec-Butylbenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Styrene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
tert-Butylbenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Tetrachloroethene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Tetrahydrofuran	NELAP	1000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Toluene	NELAP	250	J	96	µg/L	50	7/3/2009 3:49:00 AM	CCF
trans-1,2-Dichloroethene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
trans-1,3-Dichloropropene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
trans-1,4-Dichloro-2-butene	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Trichloroethene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Trichlorofluoromethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Vinyl acetate	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-004  
**Report Date:** 06-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1WW-2  
**Collection Date:** 7/2/2009 12:50:00 PM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Vinyl chloride	NELAP	100		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		92.8	%REC	50	7/3/2009 3:49:00 AM	CCF
Surr: 4-Bromofluorobenzene		86-119		108.3	%REC	50	7/3/2009 3:49:00 AM	CCF
Surr: Dibromofluoromethane		81.7-123		99.2	%REC	50	7/3/2009 3:49:00 AM	CCF
Surr: Toluene-d8		84.3-114		101.6	%REC	50	7/3/2009 3:49:00 AM	CCF
<b><u>SW-846 7470A (TOTAL)</u></b>								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	7/2/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.100		Interference	ml/L	10	7/3/2009 8:38:56 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide		0.070	SR	1.86	mg/L	10	7/3/2009 8:38:56 AM	RCE

### Sample Narrative

SW-846 9012A (Total)

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

SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP  
**Project:** A831-735002-012901-225/IP Champaign 62403053  
**Lab Order:** 09070139  
**Report Date:** 06-Jul-09

## DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070139-002A	P1-B2-F (22)	7/1/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/3/2009 10:22:25 AM	7/3/2009 1:40:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/3/2009 10:21:01 AM	7/3/2009 10:50:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/3/2009 10:21:01 AM	7/3/2009 11:49:00 AM
09070139-002B				ASTM D2974		7/2/2009 5:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/2/2009 5:30:00 PM
				SW-846 9012A		7/3/2009 8:38:56 AM
				SW-846 9012A (Total)		7/3/2009 8:38:56 AM
09070139-002C				SW-846 3050B, 6010B, Metals by ICP	7/3/2009 11:13:06 AM	7/6/2009 11:12:36 AM
				SW-846 3050B, Metals by GFAA	7/3/2009 11:12:14 AM	7/3/2009 1:19:26 PM
				SW-846 7471A	7/2/2009 5:30:00 PM	7/2/2009
09070139-002F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/2/2009 5:26:00 PM	7/2/2009 6:51:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/2/2009 5:26:00 PM	7/2/2009 8:39:00 PM
09070139-003A	P1-B2-F (24-25)	7/2/2009		SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/3/2009 10:22:25 AM	7/3/2009 2:15:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/3/2009 10:24:42 AM	7/3/2009 11:19:00 AM
09070139-003B				ASTM D2974		7/2/2009 5:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/2/2009 5:30:00 PM
				SW-846 9012A		7/3/2009 8:38:56 AM
				SW-846 9012A (Total)		7/3/2009 8:38:56 AM
09070139-003C				SW-846 3050B, 6010B, Metals by ICP	7/3/2009 11:13:06 AM	7/6/2009 10:53:12 AM
				SW-846 3050B, Metals by GFAA	7/3/2009 11:12:14 AM	7/3/2009 1:22:46 PM
				SW-846 3050B, Metals by GFAA	7/3/2009 11:12:14 AM	7/3/2009 1:46:26 PM
				SW-846 7471A	7/3/2009 9:53:15 AM	7/3/2009

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP  
**Project:** A831-735002-012901-225/IP Champaign 62403053  
**Lab Order:** 09070139  
**Report Date:** 06-Jul-09

## DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070139-003F	P1-B2-F (24-25)	7/2/2009	Solid	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/2/2009 5:26:00 PM	7/2/2009 7:18:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/2/2009 5:26:00 PM	7/2/2009 9:06:00 PM
09070139-004A	PIWW-2		Aqueous	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/3/2009 10:41:31 AM	7/3/2009 10:48:00 AM
				SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/3/2009 10:41:31 AM	7/3/2009 11:23:00 AM
				SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/3/2009 10:41:31 AM	7/3/2009 3:24:00 PM
				SW-846 3510C, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/3/2009 9:43:18 AM	7/3/2009 10:23:00 AM
				SW-846 3510C, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/3/2009 9:43:18 AM	7/3/2009 10:57:00 AM
				SW-846 3005A, 6010B, Metals by ICP (Total)	7/2/2009 5:18:13 PM	7/6/2009 10:14:02 AM
09070139-004C				SW-846 3020A, Metals by GFAA (Total)	7/2/2009 6:30:00 PM	7/3/2009 10:11:34 AM
				SW-846 7470A (Total)	7/2/2009 5:30:00 PM	7/2/2009
09070139-004D				SW-846 9012A		7/3/2009 8:38:56 AM
				SW-846 9012A (Total)		7/3/2009 8:38:56 AM
09070139-004E				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS	7/2/2009 6:17:00 PM	7/3/2009 3:49:00 AM

**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- 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.
- 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. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- 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. (NELAC) The acceptable recovery range is listed in this report.
- LCS D** 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 this report.
- 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 this report.
- 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 this report.
- MDL** Method detection limit or limit of detection (LOD) 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.
- MB/LCB** Method blank or lab control 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 are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) 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 this report.
- 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 this report.
- 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. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

**Qualifiers**

<b>DF</b> - Dilution Factor	<b>B</b> - Analyte detected in the associated Method Blank	<b>C</b> - Client requested RL below PQL	<b>MI</b> - Matrix interference
<b>RL</b> - Reporting Limit	<b>J</b> - Analyte detected below reporting limits	<b>D</b> - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	<b>R</b> - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	<b>S</b> - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count ( > 200 CFU )	<b>X</b> - Value exceeds Maximum Contaminant Level	<b>#</b> - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: M2540 G

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>LCS-R124203</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>124203</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124203</b>		Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324521</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>124203</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124203</b>		Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324522</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Sample ID: <b>09070139-002BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>124203</b>							
Client ID: <b>P1-B2-F (22)DUP</b>	Batch ID: <b>R124203</b>		Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324541</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 90.5 0.1 90.11 0.476 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW6010B

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MB-53973</b>	SampType: <b>MBLK</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124242</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53973</b>	<b>SOP 3034</b>	Analysis Date: <b>7/6/2009</b>	SeqNo: <b>2325782</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	< 0.0250	0.0250	0.02500	0	0	-100	100				
Barium	< 0.0050	0.0050	0.005000	0	0	-100	100				
Cadmium	< 0.0020	0.0020	0.002000	0	0	-100	100				
Chromium	< 0.0100	0.0100	0.01000	0	0	-100	100				
Selenium	< 0.0500	0.0500	0.05000	0	0	-100	100				
Silver	< 0.0100	0.0100	0.01000	0	0	-100	100				

Sample ID: <b>LCS-53973</b>	SampType: <b>LCS</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124242</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53973</b>	<b>SOP 3034</b>	Analysis Date: <b>7/6/2009</b>	SeqNo: <b>2325783</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	2.05	0.0250	2.000	0	102.4	85	115				
Barium	2.06	0.0050	2.000	0	103.0	85	115				
Cadmium	0.0507	0.0020	0.05000	0	101.4	85	115				
Chromium	0.203	0.0100	0.2000	0	101.4	85	115				
Selenium	2.07	0.0500	2.000	0	103.6	85	115				
Silver	0.0489	0.0100	0.05000	0	97.8	85	115				

Sample ID: <b>09070139-004CMS</b>	SampType: <b>MS</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124242</b>							
Client ID: <b>P1WW-2MS</b>	Batch ID: <b>53973</b>	<b>SOP 3034</b>	Analysis Date: <b>7/6/2009</b>	SeqNo: <b>2325785</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	2.15	0.0250	2.000	0	107.7	75	125				
Barium	2.20	0.0050	2.000	0.1655	101.9	75	125				
Cadmium	0.0490	0.0020	0.05000	0	98.0	75	125				
Chromium	0.214	0.0100	0.2000	0	107.2	75	125				
Selenium	2.15	0.0500	2.000	0	107.4	75	125				
Silver	0.0523	0.0100	0.05000	0	104.6	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW6010B

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>09070139-004CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124242</b>							
Client ID: <b>P1WW-2MSD</b>	Batch ID: <b>53973</b>	<b>SOP 3034</b>	Analysis Date: <b>7/6/2009</b>	SeqNo: <b>2325786</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.12	0.0250	2.000	0	105.8	75	125	2.154	1.83	20	
Barium	2.15	0.0050	2.000	0.1655	99.4	75	125	2.204	2.34	20	
Cadmium	0.0484	0.0020	0.05000	0	96.8	75	125	0.04900	1.23	20	
Chromium	0.209	0.0100	0.2000	0	104.3	75	125	0.2144	2.74	20	
Selenium	2.09	0.0500	2.000	0	104.5	75	125	2.149	2.78	20	
Silver	0.0514	0.0100	0.05000	0	102.8	75	125	0.05230	1.74	20	

Sample ID: <b>MB-53993</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/3/2009</b>	RunNo: <b>124242</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53993</b>	<b>SOP 3032</b>	Analysis Date: <b>7/6/2009</b>	SeqNo: <b>2325787</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Barium	< 0.50	0.50	0.5000	0	0	-100	100				
Cadmium	< 0.20	0.20	0.2000	0	0	-100	100				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				
Selenium	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Sample ID: <b>LCS-53993</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/3/2009</b>	RunNo: <b>124242</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53993</b>	<b>SOP 3032</b>	Analysis Date: <b>7/6/2009</b>	SeqNo: <b>2325788</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	210	2.50	200.0	0	105.1	85	115				
Barium	214	0.50	200.0	0	107.0	85	115				
Cadmium	5.23	0.20	5.000	0	104.6	85	115				
Chromium	21.3	1.00	20.00	0	106.6	85	115				
Lead	52.8	4.00	50.00	0	105.5	85	115				
Selenium	214	4.00	200.0	0	107.2	85	115				
Silver	5.20	0.55	5.000	0	104.0	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW6010B

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>09070139-002CMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/3/2009</b>	RunNo: <b>124242</b>							
Client ID: <b>P1-B2-F (22)MS</b>	Batch ID: <b>53993</b>	<b>SOP 3032</b>	Analysis Date: <b>7/6/2009</b>	SeqNo: <b>2325794</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	179	2.40	192.3	5.740	90.2	75	125				
Barium	172	0.48	192.3	16.43	81.0	75	125				
Cadmium	3.91	0.19	4.808	0	81.4	75	125				
Chromium	32.1	0.96	19.23	13.34	97.8	75	125				
Lead	48.5	3.85	48.08	11.12	77.8	75	125				
Silver	4.22	0.53	4.808	0	87.8	75	125				

Sample ID: <b>09070139-002CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/3/2009</b>	RunNo: <b>124242</b>							
Client ID: <b>P1-B2-F (22)MSD</b>	Batch ID: <b>53993</b>	<b>SOP 3032</b>	Analysis Date: <b>7/6/2009</b>	SeqNo: <b>2325795</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	191	2.40	192.3	5.740	96.6	75	125	179.2	6.59	20	
Barium	183	0.48	192.3	16.43	86.7	75	125	172.1	6.22	20	
Cadmium	4.18	0.19	4.808	0	87.0	75	125	3.913	6.65	20	
Chromium	33.0	0.96	19.23	13.34	102.1	75	125	32.13	2.57	20	
Lead	52.5	3.85	48.08	11.12	86.1	75	125	48.52	7.94	20	
Silver	4.32	0.53	4.808	0	89.8	75	125	4.221	2.25	20	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW7000 G

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MB-53943</b>	SampType: <b>MBLK</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124212</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53943</b>	<b>SOP 3044</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324642</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7421	< 0.0020	0.0020	0.002000	0	0	-100	100			
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Sample ID: <b>LCS-53943</b>	SampType: <b>LCS</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124212</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53943</b>	<b>SOP 3044</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324644</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7421	0.0150	0.0020	0.01500	0	100	80	120			
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Sample ID: <b>09070139-004CMS</b>	SampType: <b>MS</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124212</b>							
Client ID: <b>P1WW-2MS</b>	Batch ID: <b>53943</b>	<b>SOP 3044</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324658</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7421	0.0192	0.0020	0.01500	0.005212	93.5	70	130			
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Sample ID: <b>09070139-004CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124212</b>							
Client ID: <b>P1WW-2MSD</b>	Batch ID: <b>53943</b>	<b>SOP 3044</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324659</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	7421	0.0191	0.0040	0.01500	0.005212	92.7	70	130	0.01923	0.600	20
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Sample ID: <b>MB-53992</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/3/2009</b>	RunNo: <b>124227</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53992</b>	<b>SOP 3042</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324956</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	< 0.600	0.600	0.6000	0	0	-100	100			
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW7000 G

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>LCS-53992</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/3/2009</b>	RunNo: <b>124227</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53992</b>	<b>SOP 3042</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324957</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.83	0.600	3.000	0	94.3	80	120			
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Sample ID: <b>09070139-003CMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/3/2009</b>	RunNo: <b>124227</b>							
Client ID: <b>P1-B2-F (24-25)MS</b>	Batch ID: <b>53992</b>	<b>SOP 3042</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324967</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	1.50	1.15	2.885	0	51.9	70	130			S
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Sample ID: <b>09070139-003CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/3/2009</b>	RunNo: <b>124227</b>							
Client ID: <b>P1-B2-F (24-25)MSD</b>	Batch ID: <b>53992</b>	<b>SOP 3042</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324968</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	1.51	1.15	2.885	0	52.5	70	130	1.496	1.24	20	S
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW7470 A

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MB-53961</b>	SampType: <b>MBLK</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124192</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53961</b>	<b>SOP 3062</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324441</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury < 0.00020 0.00020 0.0002000 0 0 -100 100

Sample ID: <b>LCS-53961</b>	SampType: <b>LCS</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124192</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53961</b>	<b>SOP 3062</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324458</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.00549 0.00020 0.005000 0 109.8 85 115

Sample ID: <b>09070139-004CMS</b>	SampType: <b>MS</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124192</b>							
Client ID: <b>P1WW-2MS</b>	Batch ID: <b>53961</b>	<b>SOP 3062</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324478</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.00548 0.00020 0.005000 0 109.6 75 125

Sample ID: <b>09070139-004CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124192</b>							
Client ID: <b>P1WW-2MSD</b>	Batch ID: <b>53961</b>	<b>SOP 3062</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324479</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.00549 0.00020 0.005000 0 109.8 75 125 0.005480 0.182 15

Sample ID: <b>MB-53961</b>	SampType: <b>MBLK</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124192</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53961</b>	<b>SOP 3062</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324439</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury < 0.00020 0.00020 0.0002000 0 0 -100 100

# ANALYTICAL QC SUMMARY REPORT

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW7470 A

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>LCS-53961</b>	SampType: <b>LCS</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124192</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>53961</b>	<b>SOP 3062</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324457</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00549	0.00020	0.005000	0	109.8	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW7471 A

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MB-53984</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124192</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53984</b>	<b>SOP 3063</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324463</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury < 0.010 0.010 0.01000 0 0 -100 100

Sample ID: <b>LCS-53984</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124192</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53984</b>	<b>SOP 3063</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324464</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.231 0.010 0.2500 0 92.4 85 115

Sample ID: <b>MB-53994</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/3/2009</b>	RunNo: <b>124214</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53994</b>	<b>SOP 3063</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324673</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury < 0.010 0.010 0.01000 0 0 -100 100

Sample ID: <b>LCS-53994</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/3/2009</b>	RunNo: <b>124214</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53994</b>	<b>SOP 3063</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324674</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.274 0.010 0.2500 0 109.4 85 115

Sample ID: <b>09070139-003CMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/3/2009</b>	RunNo: <b>124214</b>							
Client ID: <b>P1-B2-F (24-25)MS</b>	Batch ID: <b>53994</b>	<b>SOP 3063</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324678</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.322 0.011 0.2753 0.01376 112.0 75 125

# ANALYTICAL QC SUMMARY REPORT

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW7471 A

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>09070139-003CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/3/2009</b>	RunNo: <b>124214</b>							
Client ID: <b>P1-B2-F (24-25)MSD</b>	Batch ID: <b>53984</b>	<b>SOP 3063</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324679</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.309	0.011	0.2686	0.01376	110.1	75	125	0.3221	4.02	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8260B

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: LCS-G090702-1	SampType: LCS	Units: µg/Kg				Prep Date: 7/2/2009	RunNo: 124199				
Client ID: ZZZZZZ	Batch ID: 53991	SW5035				Analysis Date: 7/2/2009	SeqNo: 2324412				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	51.1	5.0	50.00	0	102.2	77.5	121				
1,1-Dichloroethene	40.9	5.0	50.00	0	81.8	52	133				
1,2-Dibromoethane	55.8	5.0	50.00	0	111.5	85.2	119				
1,2-Dichlorobenzene	52.5	5.0	50.00	0	105.0	84.2	122				
1,2-Dichloroethane	46.3	5.0	50.00	0	92.6	71.1	125				
1,3-Dichlorobenzene	54.4	5.0	50.00	0	108.8	83.3	125				
1,4-Dichlorobenzene	54.4	5.0	50.00	0	108.8	81.9	128				
2-Butanone	52.4	50.0	100.0	0	52.4	39.1	105				
Benzene	45.1	1.0	50.00	0	90.2	77.9	123				
Bromodichloromethane	54.6	5.0	50.00	0	109.2	87.9	119				
Carbon tetrachloride	53.5	5.0	50.00	0	107.0	77.5	128				
Chlorobenzene	54.7	5.0	50.00	0	109.4	87.8	120				
Chloroform	49.7	5.0	50.00	0	99.4	81.5	119				
Dibromochloromethane	59.1	5.0	50.00	0	118.3	88.6	119				
Ethylbenzene	53.8	5.0	50.00	0	107.6	80.9	119				
m,p-Xylenes	49.7	5.0	50.00	0	99.4	77.6	120				
Methyl tert-butyl ether	50.9	2.0	50.00	0	101.7	69.8	121				
Methylene chloride	48.6	5.0	50.00	0	97.2	71.5	124				
Naphthalene	54.8	10	50.00	0	109.7	75.7	123				
o-Xylene	45.7	5.0	50.00	0	91.4	82.4	124				
Tetrachloroethene	55.7	5.0	50.00	0	111.5	74.2	113				
Toluene	52.0	5.0	50.00	0	104.0	80.2	115				
Trichloroethene	53.7	5.0	50.00	0	107.4	83.3	118				
Surr: 1,2-Dichloroethane-d4	45.5		50.00		90.9	61	128				
Surr: 4-Bromofluorobenzene	49.0		50.00		98.1	78.2	117				
Surr: Dibromofluoromethane	51.4		50.00		102.8	66.6	130				
Surr: Toluene-d8	51.5		50.00		103.1	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8260B

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>LCSD-G090702-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/2/2009</b>	RunNo: <b>124199</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53991</b>	<b>SW5035</b>				Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324413</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	50.6	5.0	50.00	0	101.1	77.5	121	51.08	1.00	20	
1,1-Dichloroethene	40.0	5.0	50.00	0	79.9	52	133	40.88	2.30	20	
1,2-Dibromoethane	54.4	5.0	50.00	0	108.8	85.2	119	55.75	2.47	20	
1,2-Dichlorobenzene	52.0	5.0	50.00	0	104.1	84.2	122	52.49	0.880	20	
1,2-Dichloroethane	48.3	5.0	50.00	0	96.6	71.1	125	46.32	4.21	20	
1,3-Dichlorobenzene	52.9	5.0	50.00	0	105.8	83.3	125	54.39	2.78	20	
1,4-Dichlorobenzene	52.9	5.0	50.00	0	105.8	81.9	128	54.39	2.78	20	
2-Butanone	61.4	50.0	100.0	0	61.4	39.1	105	52.38	15.9	20	
Benzene	44.8	1.0	50.00	0	89.5	77.9	123	45.10	0.757	20	
Bromodichloromethane	55.4	5.0	50.00	0	110.9	87.9	119	54.59	1.55	20	
Carbon tetrachloride	52.6	5.0	50.00	0	105.2	77.5	128	53.51	1.68	20	
Chlorobenzene	54.3	5.0	50.00	0	108.5	87.8	120	54.68	0.753	20	
Chloroform	49.0	5.0	50.00	0	98.1	81.5	119	49.72	1.40	20	
Dibromochloromethane	55.9	5.0	50.00	0	111.8	88.6	119	59.14	5.65	20	
Ethylbenzene	54.8	5.0	50.00	0	109.6	80.9	119	53.78	1.84	20	
m,p-Xylenes	52.3	5.0	50.00	0	104.5	77.6	120	49.71	5.02	20	
Methyl tert-butyl ether	52.0	2.0	50.00	0	103.9	69.8	121	50.87	2.14	20	
Methylene chloride	49.1	5.0	50.00	0	98.2	71.5	124	48.61	1.02	20	
Naphthalene	56.2	10	50.00	0	112.4	75.7	123	54.83	2.49	20	
o-Xylene	48.0	5.0	50.00	0	95.9	82.4	124	45.71	4.80	20	
Tetrachloroethene	53.3	5.0	50.00	0	106.7	74.2	113	55.74	4.40	20	
Toluene	50.0	5.0	50.00	0	100	80.2	115	52.01	3.92	20	
Trichloroethene	52.8	5.0	50.00	0	105.6	83.3	118	53.71	1.67	20	
Surr: 1,2-Dichloroethane-d4	46.8		50.00		93.7	61	128		0	0	
Surr: 4-Bromofluorobenzene	51.8		50.00		103.7	78.2	117		0	0	
Surr: Dibromofluoromethane	50.9		50.00		101.9	66.6	130		0	0	
Surr: Toluene-d8	49.7		50.00		99.5	80.1	122		0	0	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8260B

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MBLK-G090702-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124199</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53991</b>	<b>SW5035</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324415</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	10									
1,2,3-Trimethylbenzene	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
1-Chlorobutane	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.0									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8260B

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MBLK-G090702-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124199</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53991</b>	<b>SW5035</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324415</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									
Acetonitrile	ND	100									
Acrolein	ND	100									
Acrylonitrile	ND	10									
Allyl chloride	ND	5.0									
Benzene	ND	1.0									
Bromobenzene	ND	5.0									
Bromochloromethane	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	10									
Carbon disulfide	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	10									
Chloroform	ND	5.0									
Chloromethane	ND	10									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	4.0									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	10									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.0									
Ethyl methacrylate	ND	5.0									
Ethylbenzene	ND	5.0									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8260B

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MBLK-G090702-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124199</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53991</b>	<b>SW5035</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324415</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	ND	5.0									
Iodomethane	ND	10									
Isopropylbenzene	ND	5.0									
m,p-Xylenes	ND	5.0									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.0									
Methyl tert-butyl ether	ND	2.0									
Methylacrylate	ND	10									
Methylene chloride	ND	5.0									
Naphthalene	ND	10									
n-Butylbenzene	ND	5.0									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.0									
o-Xylene	ND	5.0									
Pentachloroethane	ND	5.0									
p-Isopropyltoluene	ND	5.0									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	4.0									
trans-1,4-Dichloro-2-butene	ND	10									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl acetate	ND	50.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8260B

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MBLK-G090702-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124199</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53991</b>	<b>SW5035</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324415</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	2.0									
Surr: 1,2-Dichloroethane-d4	47.2		50.00		94.3	61	128				
Surr: 4-Bromofluorobenzene	50.4		50.00		100.9	78.2	117				
Surr: Dibromofluoromethane	50.4		50.00		100.8	66.6	130				
Surr: Toluene-d8	50.2		50.00		100.3	80.1	122				

Sample ID: <b>LCS-N090702-1</b>	SampType: <b>LCS</b>	Units: <b>µg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124228</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54001</b>	<b>SW5030</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324982</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	48.2	5.0	50.00	0	96.3	82.5	119				
1,1-Dichloroethene	48.1	5.0	50.00	0	96.2	76.5	122				
1,2-Dibromoethane	46.7	5.0	50.00	0	93.5	85	115				
1,2-Dichlorobenzene	52.8	5.0	50.00	0	105.5	86.4	116				
1,2-Dichloroethane	41.8	5.0	50.00	0	83.5	82	121				
1,3-Dichlorobenzene	53.5	5.0	50.00	0	107.0	85.2	116				
1,4-Dichlorobenzene	50.7	5.0	50.00	0	101.3	83.6	117				
2-Butanone	66.7	25.0	100.0	0	66.7	65	124				
Benzene	43.6	2.0	50.00	0	87.2	82.7	117				
Bromodichloromethane	49.2	5.0	50.00	0	98.5	87.4	117				
Carbon tetrachloride	48.4	5.0	50.00	0	96.8	78.8	130				
Chlorobenzene	50.0	5.0	50.00	0	100.1	84.5	114				
Chloroform	42.6	5.0	50.00	0	85.2	79	113				
Dibromochloromethane	50.5	5.0	50.00	0	100.9	84	119				
Ethylbenzene	48.6	5.0	50.00	0	97.2	83	113				
m,p-Xylenes	44.0	5.0	50.00	0	88.0	80.3	116				
Methyl tert-butyl ether	45.2	2.0	50.00	0	90.4	75.9	115				
Methylene chloride	46.0	5.0	50.00	0	91.9	79.1	122				
Naphthalene	57.7	10	50.00	0	115.5	60.4	129				
o-Xylene	46.3	5.0	50.00	0	92.6	83.2	120				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>LCS-N090702-1</b>	SampType: <b>LCS</b>	Units: <b>µg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124228</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54001</b>	<b>SW5030</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324982</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	45.8	5.0	50.00	0	91.5	68.7	113				
Toluene	45.4	5.0	50.00	0	90.7	79.6	116				
Trichloroethene	46.9	5.0	50.00	0	93.7	79.4	111				
Surr: 1,2-Dichloroethane-d4	46.4		50.00		92.7	74.7	129				
Surr: 4-Bromofluorobenzene	56.6		50.00		113.2	86	119				
Surr: Dibromofluoromethane	49.8		50.00		99.6	81.7	123				
Surr: Toluene-d8	49.8		50.00		99.5	84.3	114				

Sample ID: <b>LCSD-N090702-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124228</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54001</b>	<b>SW5030</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324983</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	49.0	5.0	50.00	0	97.9	82.5	119	48.16	1.67	20	
1,1-Dichloroethene	48.6	5.0	50.00	0	97.2	76.5	122	48.08	1.10	20	
1,2-Dibromoethane	47.6	5.0	50.00	0	95.1	85	115	46.73	1.76	20	
1,2-Dichlorobenzene	52.4	5.0	50.00	0	104.9	86.4	116	52.77	0.608	20	
1,2-Dichloroethane	42.8	5.0	50.00	0	85.6	82	121	41.77	2.48	20	
1,3-Dichlorobenzene	52.8	5.0	50.00	0	105.7	85.2	116	53.52	1.28	20	
1,4-Dichlorobenzene	51.5	5.0	50.00	0	102.9	83.6	117	50.66	1.59	20	
2-Butanone	65.9	25.0	100.0	0	65.9	65	124	66.72	1.27	20	
Benzene	44.3	2.0	50.00	0	88.5	82.7	117	43.60	1.52	20	
Bromodichloromethane	50.1	5.0	50.00	0	100.3	87.4	117	49.24	1.81	20	
Carbon tetrachloride	48.4	5.0	50.00	0	96.8	78.8	130	48.42	0.0620	20	
Chlorobenzene	50.6	5.0	50.00	0	101.2	84.5	114	50.05	1.05	20	
Chloroform	43.6	5.0	50.00	0	87.2	79	113	42.59	2.32	20	
Dibromochloromethane	51.0	5.0	50.00	0	102.1	84	119	50.47	1.12	20	
Ethylbenzene	49.1	5.0	50.00	0	98.1	83	113	48.58	1.00	20	
m,p-Xylenes	45.7	5.0	50.00	0	91.5	80.3	116	44.02	3.83	20	
Methyl tert-butyl ether	45.6	2.0	50.00	0	91.2	75.9	115	45.18	0.903	20	
Methylene chloride	47.4	5.0	50.00	0	94.8	79.1	122	45.96	3.11	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8260B

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>LCS-D-N090702-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124228</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54001</b>	<b>SW5030</b>	Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324983</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	54.5	10	50.00	0	108.9	60.4	129	57.73	5.83	20	
o-Xylene	48.6	5.0	50.00	0	97.1	83.2	120	46.30	4.74	20	
Tetrachloroethene	45.9	5.0	50.00	0	91.8	68.7	113	45.76	0.305	20	
Toluene	46.3	5.0	50.00	0	92.5	79.6	116	45.35	1.99	20	
Trichloroethene	47.2	5.0	50.00	0	94.4	79.4	111	46.87	0.680	20	
Surr: 1,2-Dichloroethane-d4	47.2		50.00		94.3	74.7	129		0	0	
Surr: 4-Bromofluorobenzene	52.1		50.00		104.2	86	119		0	0	
Surr: Dibromofluoromethane	50.5		50.00		101.1	81.7	123		0	0	
Surr: Toluene-d8	50.0		50.00		99.9	84.3	114		0	0	

Sample ID: <b>09070139-004EMS</b>	SampType: <b>MS</b>	Units: <b>µg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124228</b>
Client ID: <b>P1WW-2MS</b>	Batch ID: <b>54001</b>	<b>SW5030</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324993</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	1860	250	2700	0	69.1	21.4	139				
Benzene	3780	100	2700	1447	86.5	57.8	125				
Chlorobenzene	2870	250	2700	0	106.3	72.9	119				
Ethylbenzene	3670	250	2700	806.0	106.0	72.8	123				
m,p-Xylenes	3130	250	2700	366.0	102.4	74.6	125				
o-Xylene	3050	250	2700	330.0	100.9	73	127				
Toluene	2700	250	2700	96.50	96.3	75.8	123				
Trichloroethene	2570	250	2700	0	95.3	67.1	115				
Surr: 1,2-Dichloroethane-d4	2340		2500		93.6	74.7	129				
Surr: 4-Bromofluorobenzene	2530		2500		101.1	86	119				
Surr: Dibromofluoromethane	2490		2500		99.4	81.7	123				
Surr: Toluene-d8	2490		2500		99.4	84.3	114				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8260B

Lab Order: 09070139

Report Date: 06-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	1860	250	2700	0	68.8	21.4	139	1864	0.322	20	
Benzene	3710	100	2700	1447	83.9	57.8	125	3782	1.87	20	
Chlorobenzene	2810	250	2700	0	104.2	72.9	119	2870	1.94	20	
Ethylbenzene	3650	250	2700	806.0	105.2	72.8	123	3668	0.547	20	
m,p-Xylenes	3130	250	2700	366.0	102.3	74.6	125	3130	0.0799	20	
o-Xylene	3030	250	2700	330.0	100	73	127	3054	0.740	20	
Toluene	2670	250	2700	96.50	95.5	75.8	123	2696	0.819	20	
Trichloroethene	2540	250	2700	0	93.9	67.1	115	2572	1.45	20	
Surr: 1,2-Dichloroethane-d4	2340		2500		93.5	74.7	129		0	0	
Surr: 4-Bromofluorobenzene	2570		2500		102.6	86	119		0	0	
Surr: Dibromofluoromethane	2490		2500		99.6	81.7	123		0	0	
Surr: Toluene-d8	2500		2500		100.1	84.3	114		0	0	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	20.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,3-Trimethylbenzene	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8260B

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MBLK-N090702-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124228</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54001</b>	<b>SW5030</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324995</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
1-Chlorobutane	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	25.0									
2-Chloroethyl vinyl ether	ND	20.0									
2-Chlorotoluene	ND	5.0									
2-Hexanone	ND	25.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.0									
4-Methyl-2-pentanone	ND	25.0									
Acetone	8.6	25.0									J
Acetonitrile	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	5.0									
Allyl chloride	ND	5.0									
Benzene	ND	2.0									
Bromobenzene	ND	5.0									
Bromochloromethane	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	10									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8260B

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MBLK-N090702-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124228</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54001</b>	<b>SW5030</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324995</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Butyl acetate	ND	25.0									
Carbon disulfide	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	10									
Chloroform	ND	5.0									
Chloromethane	ND	10									
Chloroprene	ND	20.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
cis-1,4-Dichloro-2-butene	ND	5.0									
Cyclohexanone	ND	50.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	10									
Ethyl acetate	ND	10									
Ethyl ether	ND	5.0									
Ethyl methacrylate	ND	5.0									
Ethylbenzene	ND	5.0									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.0									
Hexachloroethane	ND	10									
Iodomethane	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylenes	ND	5.0									
Methacrylonitrile	ND	10									
Methyl Methacrylate	ND	5.0									
Methyl tert-butyl ether	ND	2.0									
Methylacrylate	ND	10									
Methylene chloride	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8260B

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MBLK-N090702-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124228</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54001</b>	<b>SW5030</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324995</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	10									
n-Butylbenzene	ND	5.0									
n-Hexane	ND	20.0									
Nitrobenzene	ND	50.0									
n-Propylbenzene	ND	5.0									
o-Xylene	ND	5.0									
Pentachloroethane	ND	20.0									
p-Isopropyltoluene	ND	5.0									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Tetrahydrofuran	ND	20.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	5.0									
trans-1,4-Dichloro-2-butene	ND	10									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl acetate	ND	10									
Vinyl chloride	ND	2.0									
Surr: 1,2-Dichloroethane-d4	46.8		50.00		93.5	74.7	129				
Surr: 4-Bromofluorobenzene	55.8		50.00		111.5	86	119				
Surr: Dibromofluoromethane	49.6		50.00		99.1	81.7	123				
Surr: Toluene-d8	50.4		50.00		100.8	84.3	114				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8270C

Lab Order: 09070139

Report Date: 06-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Aniline	ND	0.500									
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzoic acid	ND	1.50									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8270C

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: MB-53978	SampType: MBLK	Units: mg/Kg	Prep Date: 7/2/2009	RunNo: 124217							
Client ID: ZZZZZZ	Batch ID: 53978	SW3550B	Analysis Date: 7/3/2009	SeqNo: 2324718							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenol	ND	0.350									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.39		1.670		83.3	52.1	113				
Surr: 2-Fluorobiphenyl	0.734		0.8350		87.9	46.3	106				
Surr: 2-Fluorophenol	1.25		1.670		74.7	50.6	89				
Surr: Nitrobenzene-d5	0.624		0.8350		74.7	42.4	99.2				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8270C

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MB-53978</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124217</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>53978</b>	<b>SW3550B</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324718</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Phenol-d5	1.35		1.670		81.0	55.9	98.5				
Surr: p-Terphenyl-d14	0.774		0.8350		92.7	45.5	115				

Sample ID: <b>LCS-53978</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124217</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>53978</b>	<b>SW3550B</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324719</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.31	0.500	1.670	0	78.2	43.9	92.2				
1,4-Dichlorobenzene	1.17	0.500	1.670	0	70.0	43.8	84.1				
2,4,5-Trichlorophenol	3.05	0.350	3.330	0	91.7	38.6	123				
2,4,6-Trichlorophenol	2.81	0.350	3.330	0	84.5	35.9	123				
2,4-Dimethylphenol	2.32	0.500	3.330	0	69.5	38.3	88				
2,4-Dinitrophenol	3.47	1.00	3.330	0	104.2	1.88	162				
2,4-Dinitrotoluene	1.60	0.350	1.670	0	95.7	48.6	102				
2-Chlorophenol	2.45	0.500	3.330	0	73.7	46.6	84				
4-Chloro-3-methylphenol	2.78	0.500	3.330	0	83.5	51.5	94.9				
4-Nitrophenol	2.83	0.350	3.330	0	84.9	53.2	104				
Diethyl phthalate	2.96	0.500	3.330	0	89.0	51.7	106				
Dimethyl phthalate	3.08	0.350	3.330	0	92.5	58.8	104				
Di-n-butyl phthalate	1.36	0.350	1.670	0	81.7	54.3	105				
Hexachlorobenzene	2.82	0.350	3.330	0	84.6	55.9	106				
Hexachlorobutadiene	2.59	0.500	3.330	0	77.9	35.7	100				
Hexachloroethane	2.28	0.500	3.330	0	68.6	38.9	89.9				
m,p-Cresol	1.42	0.500	1.670	0	85.0	37.6	93.7				
Nitrobenzene	2.24	0.500	3.330	0	67.4	51.8	104				
N-Nitroso-di-n-propylamine	1.23	0.500	1.670	0	73.6	49.1	94.5				
o-Cresol	1.42	0.500	1.670	0	85.3	43	101				
Pentachlorophenol	2.61	2.00	3.330	0	78.4	42.2	102				
Phenol	2.57	0.350	3.330	0	77.2	41.6	81.3				
Pyridine	1.49	0.500	3.330	0	44.7	3.61	74.3				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>LCS-53978</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/2/2009</b>		RunNo: <b>124217</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>53978</b>		<b>SW3550B</b>		Analysis Date: <b>7/3/2009</b>		SeqNo: <b>2324719</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1.68		1.670		100.9	52.1	113				
Surr: 2-Fluorobiphenyl	0.652		0.8350		78.1	46.3	106				
Surr: 2-Fluorophenol	1.18		1.670		70.7	50.6	89				
Surr: Nitrobenzene-d5	0.525		0.8350		62.9	42.4	99.2				
Surr: Phenol-d5	1.31		1.670		78.5	55.9	98.5				
Surr: p-Terphenyl-d14	0.674		0.8350		80.7	45.5	115				

Sample ID: <b>09070139-002AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/3/2009</b>		RunNo: <b>124217</b>			
Client ID: <b>P1-B2-F (22)MSD</b>		Batch ID: <b>53978</b>		<b>SW3550B</b>		Analysis Date: <b>7/3/2009</b>		SeqNo: <b>2324724</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	5.57	1.860	0	0	35.9	102	1.573	0	40	S
1,4-Dichlorobenzene	ND	5.57	1.860	0	0	29.8	95.5	0	0	40	S
2,4,5-Trichlorophenol	2.8	3.90	3.709	0	75.5	38.6	123	3.199	0	40	J
2,4,6-Trichlorophenol	2.8	3.90	3.709	0	75.7	35.9	123	3.209	0	40	J
2,4-Dimethylphenol	2.7	5.57	3.709	0	73.8	38.3	88	3.098	0	40	J
2,4-Dinitrophenol	ND	11.1	3.709	0	0	1.88	162	0	0	40	S
2,4-Dinitrotoluene	ND	3.90	1.860	0	0	37.5	107	0	0	40	S
2-Chlorophenol	2.5	5.57	3.709	0	68.2	22.6	108	2.741	0	40	J
4-Chloro-3-methylphenol	2.9	5.57	3.709	0	77.2	19.3	131	3.315	0	40	J
4-Nitrophenol	2.5	3.90	3.709	0	66.7	27.6	123	2.511	0	40	J
Diethyl phthalate	3.3	5.57	3.709	0	88.1	51.7	106	3.387	0	40	J
Dimethyl phthalate	3.2	3.90	3.709	0	87.5	58.8	104	3.274	0	40	J
Di-n-butyl phthalate	1.7	3.90	1.860	0	89.5	54.3	105	1.682	0	40	J
Hexachlorobenzene	3.0	3.90	3.709	0	80.4	55.9	106	3.035	0	40	J
Hexachlorobutadiene	2.8	5.57	3.709	0	74.2	35.7	100	2.933	0	40	J
Hexachloroethane	3.4	5.57	3.709	0	91.4	38.9	89.9	4.081	0	40	JS
m,p-Cresol	1.4	5.57	1.860	0	76.0	37.6	93.7	1.591	0	40	J
Nitrobenzene	2.7	5.57	3.709	0	72.6	51.8	104	2.991	0	40	J
N-Nitroso-di-n-propylamine	1.4	5.57	1.860	0	73.4	45.5	99.1	1.453	0	40	J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>09070139-002AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/3/2009</b>		RunNo: <b>124217</b>			
Client ID: <b>P1-B2-F (22)MSD</b>		Batch ID: <b>53978</b>		<b>SW3550B</b>		Analysis Date: <b>7/3/2009</b>		SeqNo: <b>2324724</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Cresol	1.4	5.57	1.860	0	76.8	43	101	1.636	0	40	J
Pentachlorophenol	ND	22.3	3.709	0	0	18.5	113	0	0	40	S
Phenol	2.7	3.90	3.709	0	72.6	20.8	110	2.883	0	40	J
Pyridine	1.7	5.57	3.709	0	46.3	3.61	74.3	1.846	0	40	J
Surr: 2,4,6-Tribromophenol	1.14		1.860		61.5	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	0.616		0.9301		66.3	34.1	116		0	40	
Surr: 2-Fluorophenol	1.04		1.860		55.7	30.5	99		0	40	
Surr: Nitrobenzene-d5	0.516		0.9301		55.5	34.1	101		0	40	
Surr: Phenol-d5	1.21		1.860		65.1	34.9	110		0	40	
Surr: p-Terphenyl-d14	0.679		0.9301		73.1	41.7	124		0	40	

Sample ID: <b>09070139-002AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/3/2009</b>		RunNo: <b>124217</b>			
Client ID: <b>P1-B2-F (22)MS</b>		Batch ID: <b>53978</b>		<b>SW3550B</b>		Analysis Date: <b>7/3/2009</b>		SeqNo: <b>2324796</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.6	5.50	1.837	0	85.6	35.9	102				J
1,4-Dichlorobenzene	ND	5.50	1.837	0	0	29.8	95.5				S
2,4,5-Trichlorophenol	3.2	3.85	3.664	0	87.3	38.6	123				J
2,4,6-Trichlorophenol	3.2	3.85	3.664	0	87.6	35.9	123				J
2,4-Dimethylphenol	3.1	5.50	3.664	0	84.6	38.3	88				J
2,4-Dinitrophenol	ND	11.0	3.664	0	0	1.88	162				S
2,4-Dinitrotoluene	ND	3.85	1.837	0	0	37.5	107				S
2-Chlorophenol	2.7	5.50	3.664	0	74.8	22.6	108				J
4-Chloro-3-methylphenol	3.3	5.50	3.664	0	90.5	19.3	131				J
4-Nitrophenol	2.5	3.85	3.664	0	68.5	27.6	123				J
Diethyl phthalate	3.4	5.50	3.664	0	92.4	51.7	106				J
Dimethyl phthalate	3.3	3.85	3.664	0	89.4	58.8	104				J
Di-n-butyl phthalate	1.7	3.85	1.837	0	91.5	54.3	105				J
Hexachlorobenzene	3.0	3.85	3.664	0	82.8	55.9	106				J
Hexachlorobutadiene	2.9	5.50	3.664	0	80.1	35.7	100				J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8270C

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: 09070139-002AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 7/3/2009		RunNo: 124217			
Client ID: P1-B2-F (22)MS		Batch ID: 53978		SW3550B		Analysis Date: 7/3/2009		SeqNo: 2324796			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	4.1	5.50	3.664	0	111.4	38.9	89.9				JS
m,p-Cresol	1.6	5.50	1.837	0	86.6	37.6	93.7				J
Nitrobenzene	3.0	5.50	3.664	0	81.7	51.8	104				J
N-Nitroso-di-n-propylamine	1.4	5.50	1.837	0	79.1	45.5	99.1				J
o-Cresol	1.6	5.50	1.837	0	89.0	43	101				J
Pentachlorophenol	ND	22.0	3.664	0	0	18.5	113				S
Phenol	2.9	3.85	3.664	0	78.7	20.8	110				J
Pyridine	1.8	5.50	3.664	0	50.4	3.61	74.3				J
Surr: 2,4,6-Tribromophenol	1.30		1.837		70.9	32.7	130				
Surr: 2-Fluorobiphenyl	0.777		0.9187		84.6	34.1	116				
Surr: 2-Fluorophenol	1.20		1.837		65.3	30.5	99				
Surr: Nitrobenzene-d5	0.623		0.9187		67.9	34.1	101				
Surr: Phenol-d5	1.33		1.837		72.5	34.9	110				
Surr: p-Terphenyl-d14	0.700		0.9187		76.2	41.7	124				

Sample ID: MB-53980		SampType: MBLK		Units: mg/Kg		Prep Date: 7/2/2009		RunNo: 124207			
Client ID: ZZZZZZ		Batch ID: 53980		SW3550B		Analysis Date: 7/3/2009		SeqNo: 2324974			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	ND	0.003									
Benzo(a)pyrene	ND	0.003									
Benzo(b)fluoranthene	ND	0.003									
Benzo(g,h,i)perylene	ND	0.003									
Benzo(k)fluoranthene	ND	0.003									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	ND	0.003									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8270C

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MB-53980</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124207</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>53980</b>	<b>SW3550B</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324974</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
Naphthalene	ND	0.003									
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.520		0.8330		62.5	17.5	123				
Surr: Nitrobenzene-d5	0.563		0.8330		67.5	35	105				
Surr: p-Terphenyl-d14	0.620		0.8330		74.4	53.6	122				

Sample ID: <b>LCS-53980</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124207</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>53980</b>	<b>SW3550B</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324975</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.120	0.003	0.1670	0	71.7	56.3	115				
Acenaphthylene	0.115	0.003	0.1670	0	68.8	60.3	143				
Anthracene	0.120	0.003	0.1670	0	72.0	52.1	109				
Benzo(a)anthracene	0.119	0.003	0.1670	0	71.4	52.8	112				
Benzo(a)pyrene	0.122	0.003	0.1670	0	73.2	40.8	127				
Benzo(b)fluoranthene	0.133	0.003	0.1670	0	79.4	50.1	150				
Benzo(g,h,i)perylene	0.121	0.003	0.1670	0	72.7	52.8	145				
Benzo(k)fluoranthene	0.134	0.003	0.1670	0	80.0	52	153				
Bis(2-ethylhexyl)phthalate	0.166	0.067	0.1670	0	99.6	50	150				
Chrysene	0.132	0.003	0.1670	0	78.8	60.8	128				
Dibenzo(a,h)anthracene	0.122	0.003	0.1670	0	73.1	54.9	150				
Fluoranthene	0.122	0.003	0.1670	0	73.1	58.7	125				
Fluorene	0.124	0.003	0.1670	0	74.4	57.8	125				
Indeno(1,2,3-cd)pyrene	0.123	0.003	0.1670	0	73.4	52	147				
Naphthalene	0.104	0.003	0.1670	0	62.2	54.8	113				
Phenanthrene	0.126	0.003	0.1670	0	75.3	60.4	121				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>LCS-53980</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124207</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>53980</b>	<b>SW3550B</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324975</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	0.126	0.003	0.1670	0	75.5	57.9	129				
Surr: 2-Fluorobiphenyl	0.512		0.8330		61.4	35.3	113				
Surr: Nitrobenzene-d5	0.510		0.8330		61.2	33.9	108				
Surr: p-Terphenyl-d14	0.593		0.8330		71.2	58.4	122				

Sample ID: <b>09070139-003AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/3/2009</b>	RunNo: <b>124207</b>
Client ID: <b>P1-B2-F (24-25)MS</b>	Batch ID: <b>53980</b>	<b>SW3550B</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2325074</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.375	0.007	0.1841	0.1142	141.6	36	135				S
Acenaphthylene	0.292	0.007	0.1841	0.09612	106.2	17.2	167				
Anthracene	0.322	0.007	0.1841	0.09068	125.9	39.3	124				S
Benzo(a)anthracene	0.246	0.007	0.1841	0.05991	101.0	10	183				
Benzo(a)pyrene	0.246	0.007	0.1841	0.05101	106.0	10	204				
Benzo(b)fluoranthene	0.235	0.007	0.1841	0.04372	104.0	10.6	178				
Benzo(g,h,i)perylene	0.194	0.007	0.1841	0.02296	92.7	10	168				
Benzo(k)fluoranthene	0.191	0.007	0.1841	0.01421	96.1	27.6	181				
Bis(2-ethylhexyl)phthalate	0.208	0.148	0.1841	0	112.9	50	150				
Chrysene	0.254	0.007	0.1841	0.05932	105.7	10	176				
Dibenzo(a,h)anthracene	0.158	0.007	0.1841	0	85.6	12.2	156				
Fluoranthene	0.371	0.007	0.1841	0.1206	135.9	10	227				
Fluorene	0.350	0.007	0.1841	0.1133	128.8	35.2	148				
Indeno(1,2,3-cd)pyrene	0.179	0.007	0.1841	0.01634	88.6	10	164				
Naphthalene	1.30	0.007	0.1841	0.9512	187.0	14.7	128				S
Phenanthrene	0.831	0.007	0.1841	0.3870	240.9	32.8	143				S
Pyrene	0.451	0.007	0.1841	0.1723	151.3	10	180				
Surr: 2-Fluorobiphenyl	0.657		0.9184		71.5	10	131				
Surr: Nitrobenzene-d5	0.709		0.9184		77.2	10	132				
Surr: p-Terphenyl-d14	0.795		0.9184		86.6	30.6	131				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>09070139-003AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/3/2009</b>		RunNo: <b>124207</b>			
Client ID: <b>P1-B2-F (24-25)MSD</b>		Batch ID: <b>53980</b>		<b>SW3550B</b>		Analysis Date: <b>7/3/2009</b>		SeqNo: <b>2325093</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.994	0.007	0.1788	0.1142	492.2	36	135	0.3749	90.5	49.7	SR
Acenaphthylene	0.663	0.007	0.1788	0.09612	317.2	17.2	167	0.2917	77.8	33.3	SR
Anthracene	0.751	0.007	0.1788	0.09068	369.5	39.3	124	0.3225	79.9	51.1	SR
Benzo(a)anthracene	0.496	0.007	0.1788	0.05991	244.0	10	183	0.2459	67.4	40.6	SR
Benzo(a)pyrene	0.489	0.007	0.1788	0.05101	245.1	10	204	0.2462	66.1	56.4	SR
Benzo(b)fluoranthene	0.421	0.007	0.1788	0.04372	211.2	10.6	178	0.2352	56.7	49.7	SR
Benzo(g,h,i)perylene	0.274	0.007	0.1788	0.02296	140.5	10	168	0.1936	34.4	36.5	
Benzo(k)fluoranthene	0.238	0.007	0.1788	0.01421	125.2	27.6	181	0.1912	21.9	42.6	
Bis(2-ethylhexyl)phthalate	0.183	0.143	0.1788	0	102.3	50	150	0.2079	12.8	60.3	
Chrysene	0.528	0.007	0.1788	0.05932	262.4	10	176	0.2540	70.2	45.1	SR
Dibenzo(a,h)anthracene	0.169	0.007	0.1788	0	94.8	12.2	156	0.1577	7.21	39.9	
Fluoranthene	0.957	0.007	0.1788	0.1206	467.7	10	227	0.3709	88.3	66.2	SR
Fluorene	0.853	0.007	0.1788	0.1133	413.7	35.2	148	0.3504	83.5	65.6	SR
Indeno(1,2,3-cd)pyrene	0.245	0.007	0.1788	0.01634	127.9	10	164	0.1795	30.9	36.5	
Naphthalene	3.26	0.007	0.1788	0.9512	1290	14.7	128	1.295	86.2	39.6	SR
Phenanthrene	2.33	0.007	0.1788	0.3870	1087	32.8	143	0.8306	94.9	35.4	SR
Pyrene	1.28	0.007	0.1788	0.1723	621.4	10	180	0.4509	96.0	60.1	SR
Surr: 2-Fluorobiphenyl	0.578		0.8919		64.8	10	131		0	40	
Surr: Nitrobenzene-d5	0.627		0.8919		70.3	10	132		0	40	
Surr: p-Terphenyl-d14	0.637		0.8919		71.4	30.6	131		0	40	

Sample ID: <b>MB-53971</b>		SampType: <b>MBLK</b>		Units: <b>mg/L</b>		Prep Date: <b>7/2/2009</b>		RunNo: <b>124215</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>53971</b>		<b>SW3510C</b>		Analysis Date: <b>7/3/2009</b>		SeqNo: <b>2324686</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.010									
1,2-Dichlorobenzene	ND	0.010									
1,3-Dichlorobenzene	ND	0.010									
1,4-Dichlorobenzene	ND	0.010									
2,4,5-Trichlorophenol	ND	0.010									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8270C

Lab Order: 09070139

Report Date: 06-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,6-Trichlorophenol	ND	0.010									
2,4-Dichlorophenol	ND	0.010									
2,4-Dimethylphenol	ND	0.010									
2,4-Dinitrophenol	ND	0.020									
2,4-Dinitrotoluene	ND	0.010									
2,6-Dinitrotoluene	ND	0.010									
2-Chloronaphthalene	ND	0.010									
2-Chlorophenol	ND	0.010									
2-Methoxy-4-methylphenol	ND	0.010									
2-Methylnaphthalene	ND	0.010									
2-Nitroaniline	ND	0.040									
2-Nitrophenol	ND	0.020									
3,3'-Dichlorobenzidine	ND	0.010									
3-Nitroaniline	ND	0.040									
4,6-Dinitro-2-methylphenol	ND	0.020									
4-Bromophenyl phenyl ether	ND	0.010									
4-Chloro-3-methylphenol	ND	0.020									
4-Chloroaniline	ND	0.020									
4-Chlorophenyl phenyl ether	ND	0.010									
4-Nitroaniline	ND	0.020									
4-Nitrophenol	ND	0.020									
Aniline	ND	0.020									
Azobenzene	ND	0.010									
Benzidine	ND	0.040									
Benzoic acid	ND	0.050									
Benzyl alcohol	ND	0.020									
Bis(2-chloroethoxy)methane	ND	0.010									
Bis(2-chloroethyl)ether	ND	0.010									
Bis(2-chloroisopropyl)ether	ND	0.010									
Butyl benzyl phthalate	ND	0.010									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MB-53971</b>	SampType: <b>MBLK</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124215</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53971</b>	<b>SW3510C</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324686</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbazole	ND	0.020									
Dibenzofuran	ND	0.010									
Di-n-octyl phthalate	ND	0.010									
Hexachlorobenzene	ND	0.010									
Hexachlorobutadiene	ND	0.010									
Hexachlorocyclopentadiene	ND	0.020									
Hexachloroethane	ND	0.010									
Isophorone	ND	0.010									
Nitrobenzene	ND	0.010									
N-Nitrosodimethylamine	ND	0.020									
N-Nitroso-di-n-propylamine	ND	0.010									
N-Nitrosodiphenylamine	ND	0.010									
Pentachlorophenol	ND	0.020									
Phenol	ND	0.005									
Pyridine	ND	0.020									
Quinoline	ND	0.005									
Surr: 2,4,6-Tribromophenol	0.044		0.05000		87.2	46.1	133				
Surr: 2-Fluorobiphenyl	0.018		0.02500		72.6	47.3	111				
Surr: 2-Fluorophenol	0.025		0.05000		50.8	23.4	74.8				
Surr: Nitrobenzene-d5	0.018		0.02500		73.9	40.6	108				
Surr: Phenol-d5	0.016		0.05000		32.6	17.8	50.9				
Surr: p-Terphenyl-d14	0.023		0.02500		93.7	52.2	124				

Sample ID: <b>LCS-53971</b>	SampType: <b>LCS</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124215</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53971</b>	<b>SW3510C</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324687</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	0.033	0.010	0.05000	0	66.8	45.1	97.4				
1,4-Dichlorobenzene	0.025	0.010	0.05000	0	50.9	43.2	86.1				
2,4,5-Trichlorophenol	0.093	0.010	0.1000	0	93.1	56.5	117				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>LCS-53971</b>	SampType: <b>LCS</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124215</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>53971</b>	<b>SW3510C</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324687</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,6-Trichlorophenol	0.094	0.010	0.1000	0	93.5	52.3	113				
2,4-Dimethylphenol	0.093	0.010	0.1000	0	93.2	56.4	105				
2,4-Dinitrophenol	0.080	0.020	0.1000	0	79.6	37.4	119				
2,4-Dinitrotoluene	0.047	0.010	0.05000	0	93.1	52.8	110				
2-Chlorophenol	0.084	0.010	0.1000	0	84.5	51.7	95.4				
4-Chloro-3-methylphenol	0.095	0.020	0.1000	0	95.4	55.4	109				
4-Nitrophenol	0.043	0.020	0.1000	0	42.9	19.4	50.5				
Hexachlorobenzene	0.089	0.010	0.1000	0	88.8	55.6	113				
Hexachlorobutadiene	0.059	0.010	0.1000	0	59.2	42.3	98.5				
Hexachloroethane	0.050	0.010	0.1000	0	50.3	37.4	90.8				
Nitrobenzene	0.078	0.010	0.1000	0	78.1	48.1	102				
N-Nitroso-di-n-propylamine	0.045	0.010	0.05000	0	90.2	53.2	110				
Pentachlorophenol	0.073	0.020	0.1000	0	72.5	43.4	111				
Phenol	0.036	0.005	0.1000	0	35.5	21.9	42.6				
Pyridine	0.042	0.020	0.1000	0	41.8	20.2	61.5				
Quinoline	0.045	0.005	0.05000	0	90.6	58.5	111				
Surr: 2,4,6-Tribromophenol	0.043		0.05000		86.6	46.1	133				
Surr: 2-Fluorobiphenyl	0.018		0.02500		71.0	47.3	111				
Surr: 2-Fluorophenol	0.025		0.05000		50.6	23.4	74.8				
Surr: Nitrobenzene-d5	0.020		0.02500		78.6	40.6	108				
Surr: Phenol-d5	0.016		0.05000		32.1	17.8	50.9				
Surr: p-Terphenyl-d14	0.021		0.02500		85.8	52.2	124				

Sample ID: <b>LCSD-53971</b>	SampType: <b>LCSD</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124215</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>53971</b>	<b>SW3510C</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324688</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	0.035	0.010	0.05000	0	69.2	45.1	97.4	0.03339	3.48	40	
1,4-Dichlorobenzene	0.026	0.010	0.05000	0	52.9	43.2	86.1	0.02544	3.93	40	
2,4,5-Trichlorophenol	0.096	0.010	0.1000	0	96.0	56.5	117	0.09307	3.14	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>LCS-D-53971</b>		SampType: <b>LCS-D</b>		Units: <b>mg/L</b>		Prep Date: <b>7/2/2009</b>		RunNo: <b>124215</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>53971</b>		<b>SW3510C</b>		Analysis Date: <b>7/3/2009</b>		SeqNo: <b>2324688</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,6-Trichlorophenol	0.096	0.010	0.1000	0	96.1	52.3	113	0.09354	2.66	40	
2,4-Dimethylphenol	0.097	0.010	0.1000	0	96.6	56.4	105	0.09322	3.59	40	
2,4-Dinitrophenol	0.087	0.020	0.1000	0	86.6	37.4	119	0.07961	8.38	40	
2,4-Dinitrotoluene	0.051	0.010	0.05000	0	101.9	52.8	110	0.04657	8.98	40	
2-Chlorophenol	0.086	0.010	0.1000	0	85.7	51.7	95.4	0.08450	1.46	60.5	
4-Chloro-3-methylphenol	0.099	0.020	0.1000	0	98.9	55.4	109	0.09545	3.50	40	
4-Nitrophenol	0.043	0.020	0.1000	0	43.1	19.4	50.5	0.04294	0.265	40	
Hexachlorobenzene	0.097	0.010	0.1000	0	96.5	55.6	113	0.08880	8.33	40	
Hexachlorobutadiene	0.065	0.010	0.1000	0	65.5	42.3	98.5	0.05921	10.0	40	
Hexachloroethane	0.052	0.010	0.1000	0	52.3	37.4	90.8	0.05027	3.87	40	
Nitrobenzene	0.083	0.010	0.1000	0	82.6	48.1	102	0.07809	5.63	40	
N-Nitroso-di-n-propylamine	0.048	0.010	0.05000	0	95.3	53.2	110	0.04510	5.53	40	
Pentachlorophenol	0.081	0.020	0.1000	0	81.5	43.4	111	0.07253	11.6	40	
Phenol	0.036	0.005	0.1000	0	36.2	21.9	42.6	0.03552	1.77	48.9	
Pyridine	0.046	0.020	0.1000	0	45.5	20.2	61.5	0.04179	8.56	40	
Quinoline	0.047	0.005	0.05000	0	93.2	58.5	111	0.04529	2.88	40	
Surr: 2,4,6-Tribromophenol	0.048		0.05000		95.3	46.1	133		0	0	
Surr: 2-Fluorobiphenyl	0.018		0.02500		73.1	47.3	111		0	0	
Surr: 2-Fluorophenol	0.025		0.05000		49.2	23.4	74.8		0	0	
Surr: Nitrobenzene-d5	0.020		0.02500		80.6	40.6	108		0	0	
Surr: Phenol-d5	0.018		0.05000		36.1	17.8	50.9		0	0	
Surr: p-Terphenyl-d14	0.022		0.02500		89.9	52.2	124		0	0	

Sample ID: <b>LCS-53970</b>		SampType: <b>LCS</b>		Units: <b>mg/L</b>		Prep Date: <b>7/2/2009</b>		RunNo: <b>124207</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>53970</b>		<b>SW3510C</b>		Analysis Date: <b>7/3/2009</b>		SeqNo: <b>2324573</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.00337	0.00010	0.005000	0	67.5	50.1	103				
Acenaphthylene	0.00361	0.00010	0.005000	0	72.2	53.3	122				
Anthracene	0.00440	0.00010	0.005000	0	87.9	57.4	110				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>LCS-53970</b>	SampType: <b>LCS</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124207</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>53970</b>	<b>SW3510C</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324573</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(a)anthracene	0.00439	0.00010	0.005000	0	87.7	56	102				
Benzo(a)pyrene	0.00475	0.00010	0.005000	0	95.0	55.4	125				
Benzo(b)fluoranthene	0.00480	0.00010	0.005000	0	95.9	59.3	127				
Benzo(g,h,i)perylene	0.00480	0.00010	0.005000	0	96.1	58.4	125				
Benzo(k)fluoranthene	0.00479	0.00010	0.005000	0	95.7	61.5	125				
Bis(2-ethylhexyl)phthalate	0.00655	0.00200	0.005000	0	131.0	63.2	152				
Chrysene	0.00494	0.00010	0.005000	0	98.7	58.7	118				
Dibenzo(a,h)anthracene	0.00453	0.00010	0.005000	0	90.7	59.3	126				
Diethyl phthalate	0.00491	0.00100	0.005000	0	98.2	55.3	133				
Dimethyl phthalate	0.00436	0.00100	0.005000	0	87.2	55.7	112				
Di-n-butyl phthalate	0.00485	0.00100	0.005000	0	96.9	61.5	130				
Fluoranthene	0.00417	0.00010	0.005000	0	83.4	60.1	117				
Fluorene	0.00381	0.00010	0.005000	0	76.2	54.1	110				
Indeno(1,2,3-cd)pyrene	0.00460	0.00010	0.005000	0	92.0	58.1	123				
m,p-Cresol	0.00336	0.00010	0.005000	0	67.2	17.9	107				
Naphthalene	0.00230	0.00010	0.005000	0	46.1	36.3	97.1				
o-Cresol	0.00364	0.00010	0.005000	0	72.7	20.5	109				
Phenanthrene	0.00424	0.00010	0.005000	0	84.7	55.9	107				
Pyrene	0.00415	0.00010	0.005000	0	83.1	61.4	116				
Surr: 2-Fluorobiphenyl	0.00282		0.005000		56.4	41.9	97.9				
Surr: 2-Fluorophenol	0.00590		0.01000		59.0	16.1	79.2				
Surr: Nitrobenzene-d5	0.00429		0.005000		85.8	39.9	106				
Surr: Phenol-d5	0.00433		0.01000		43.3	9.94	53.7				
Surr: p-Terphenyl-d14	0.00380		0.005000		76.0	53	116				

Sample ID: <b>LCSD-53970</b>	SampType: <b>LCSD</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124207</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>53970</b>	<b>SW3510C</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324574</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.00323	0.00010	0.005000	0	64.5	50.1	103	0.003373	4.42	50	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8270C

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>LCSD-53970</b>	SampType: <b>LCSD</b>	Units: <b>mg/L</b>			Prep Date: <b>7/2/2009</b>	RunNo: <b>124207</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53970</b>	<b>SW3510C</b>			Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324574</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthylene	0.00358	0.00010	0.005000	0	71.6	53.3	122	0.003609	0.751	50	
Anthracene	0.00442	0.00010	0.005000	0	88.5	57.4	110	0.004396	0.635	50	
Benzo(a)anthracene	0.00432	0.00010	0.005000	0	86.3	56	102	0.004387	1.65	50	
Benzo(a)pyrene	0.00473	0.00010	0.005000	0	94.6	55.4	125	0.004752	0.443	50	
Benzo(b)fluoranthene	0.00474	0.00010	0.005000	0	94.9	59.3	127	0.004797	1.11	50	
Benzo(g,h,i)perylene	0.00478	0.00010	0.005000	0	95.6	58.4	125	0.004803	0.438	50	
Benzo(k)fluoranthene	0.00472	0.00010	0.005000	0	94.3	61.5	125	0.004786	1.49	50	
Bis(2-ethylhexyl)phthalate	0.00573	0.00200	0.005000	0	114.5	63.2	152	0.006548	13.4	50	
Chrysene	0.00452	0.00010	0.005000	0	90.4	58.7	118	0.004935	8.73	50	
Dibenzo(a,h)anthracene	0.00451	0.00010	0.005000	0	90.2	59.3	126	0.004533	0.464	50	
Diethyl phthalate	0.00497	0.00100	0.005000	0	99.4	55.3	133	0.004912	1.19	0	
Dimethyl phthalate	0.00415	0.00100	0.005000	0	83.0	55.7	112	0.004361	4.98	0	
Di-n-butyl phthalate	0.00506	0.00100	0.005000	0	101.3	61.5	130	0.004847	4.38	50	
Fluoranthene	0.00438	0.00010	0.005000	0	87.6	60.1	117	0.004168	5.01	50	
Fluorene	0.00383	0.00010	0.005000	0	76.6	54.1	110	0.003809	0.524	50	
Indeno(1,2,3-cd)pyrene	0.00456	0.00010	0.005000	0	91.2	58.1	123	0.004598	0.874	50	
m,p-Cresol	0.00357	0.00010	0.005000	0	71.5	17.9	107	0.003362	6.11	50	
Naphthalene	0.00191	0.00010	0.005000	0	38.2	36.3	97.1	0.002303	18.6	50	
o-Cresol	0.00382	0.00010	0.005000	0	76.5	20.5	109	0.003635	5.04	50	
Phenanthrene	0.00441	0.00010	0.005000	0	88.3	55.9	107	0.004235	4.14	50	
Pyrene	0.00403	0.00010	0.005000	0	80.6	61.4	116	0.004154	3.03	50	
Surr: 2-Fluorobiphenyl	0.00268		0.005000		53.6	41.9	97.9		0	50	
Surr: 2-Fluorophenol	0.00657		0.01000		65.7	16.1	79.2		0	50	
Surr: Nitrobenzene-d5	0.00414		0.005000		82.8	39.9	106		0	50	
Surr: Phenol-d5	0.00459		0.01000		45.9	9.94	53.7		0	50	
Surr: p-Terphenyl-d14	0.00392		0.005000		78.4	53	116		0	50	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8270C

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: MB-53970	SampType: MBLK	Units: mg/L	Prep Date: 7/2/2009	RunNo: 124207							
Client ID: ZZZZZZ	Batch ID: 53970	SW3510C	Analysis Date: 7/3/2009	SeqNo: 2324693							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.00010									
Acenaphthylene	ND	0.00010									
Anthracene	ND	0.00010									
Benzo(a)anthracene	ND	0.00010									
Benzo(a)pyrene	ND	0.00010									
Benzo(b)fluoranthene	ND	0.00010									
Benzo(g,h,i)perylene	ND	0.00010									
Benzo(k)fluoranthene	ND	0.00010									
Bis(2-ethylhexyl)phthalate	ND	0.00200									
Chrysene	ND	0.00010									
Dibenzo(a,h)anthracene	ND	0.00010									
Diethyl phthalate	ND	0.00100									
Dimethyl phthalate	ND	0.00100									
Di-n-butyl phthalate	ND	0.00100									
Fluoranthene	ND	0.00010									
Fluorene	ND	0.00010									
Indeno(1,2,3-cd)pyrene	ND	0.00010									
m,p-Cresol	ND	0.00010									
Naphthalene	ND	0.00010									
o-Cresol	ND	0.00010									
Phenanthrene	ND	0.00010									
Pyrene	ND	0.00010									
Total PNAs except Naphthalene	ND	0.00013									
Surr: 2-Fluorobiphenyl	0.00280		0.005000		56.0	41.9	97.9				
Surr: 2-Fluorophenol	0.00578		0.01000		57.8	16.1	79.2				
Surr: Nitrobenzene-d5	0.00357		0.005000		71.4	39.9	106				
Surr: Phenol-d5	0.00446		0.01000		44.6	9.94	53.7				
Surr: p-Terphenyl-d14	0.00435		0.005000		87.0	53	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MB-53978</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124250</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53978</b>	<b>SW3550B</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2325756</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.0340									
Acenaphthylene	ND	0.0340									
Anthracene	ND	0.0340									
Benzo(a)anthracene	ND	0.0340									
Benzo(a)pyrene	ND	0.0340									
Benzo(b)fluoranthene	ND	0.0340									
Benzo(g,h,i)perylene	ND	0.0340									
Benzo(k)fluoranthene	ND	0.0340									
Chrysene	ND	0.0340									
Dibenzo(a,h)anthracene	ND	0.0340									
Fluoranthene	ND	0.0340									
Fluorene	ND	0.0340									
Indeno(1,2,3-cd)pyrene	ND	0.0340									
Naphthalene	ND	0.0340									
Phenanthrene	ND	0.0340									
Pyrene	ND	0.0340									
Surr: 2-Fluorobiphenyl	0.689		0.8350		82.5	46.3	106				
Surr: Nitrobenzene-d5	0.575		0.8350		68.9	42.4	99.2				
Surr: p-Terphenyl-d14	0.768		0.8350		92.0	45.5	115				

Sample ID: <b>LCS-53978</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124250</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53978</b>	<b>SW3550B</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2325757</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.30	0.0340	1.670	0	77.8	50.8	113				
Acenaphthylene	1.42	0.0340	1.670	0	85.3	52.8	121				
Anthracene	1.43	0.0340	1.670	0	85.6	53.3	115				
Benzo(a)anthracene	1.36	0.0340	1.670	0	81.3	62.3	110				
Benzo(a)pyrene	1.38	0.0340	1.670	0	82.4	58.2	109				
Benzo(b)fluoranthene	1.40	0.0340	1.670	0	83.7	51.8	107				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8270C

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>LCS-53978</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/2/2009</b>			RunNo: <b>124250</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>53978</b>		<b>SW3550B</b>		Analysis Date: <b>7/3/2009</b>			SeqNo: <b>2325757</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	1.45	0.0340	1.670	0	87.0	49.6	121				
Benzo(k)fluoranthene	1.50	0.0340	1.670	0	89.9	63.1	129				
Chrysene	1.49	0.0340	1.670	0	89.0	58.4	115				
Dibenzo(a,h)anthracene	1.47	0.0340	1.670	0	88.3	54.9	120				
Fluoranthene	1.51	0.0340	1.670	0	90.4	61.6	113				
Fluorene	1.35	0.0340	1.670	0	80.7	52.2	116				
Indeno(1,2,3-cd)pyrene	1.44	0.0340	1.670	0	86.2	52.7	115				
Naphthalene	1.15	0.0340	1.670	0	68.6	45.7	101				
Phenanthrene	1.44	0.0340	1.670	0	85.9	52.9	113				
Pyrene	1.38	0.0340	1.670	0	82.8	60.7	115				
Surr: 2-Fluorobiphenyl	0.602		0.8350		72.1	46.3	106				
Surr: Nitrobenzene-d5	0.739		0.8350		88.5	42.4	99.2				
Surr: p-Terphenyl-d14	0.715		0.8350		85.6	45.5	115				

Sample ID: <b>LCS-DRO-53978</b>		SampType: <b>LCS</b>		Units: <b>%REC</b>		Prep Date: <b>7/2/2009</b>			RunNo: <b>124250</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>53978</b>		<b>SW3550B</b>		Analysis Date: <b>7/3/2009</b>			SeqNo: <b>2325758</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.612		0.8350		73.3	46.3	106				
Surr: Nitrobenzene-d5	0.526		0.8350		63.0	42.4	99.2				
Surr: p-Terphenyl-d14	0.747		0.8350		89.4	45.5	115				

Sample ID: <b>MB-53971</b>		SampType: <b>MBLK</b>		Units: <b>mg/L</b>		Prep Date: <b>7/2/2009</b>			RunNo: <b>124250</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>53971</b>		<b>SW3510C</b>		Analysis Date: <b>7/3/2009</b>			SeqNo: <b>2325766</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.00100									
Acenaphthylene	ND	0.00100									
Anthracene	ND	0.00100									
Benzo(a)anthracene	ND	0.00100									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8270C

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MB-53971</b>	SampType: <b>MBLK</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124250</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53971</b>	<b>SW3510C</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2325766</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(a)pyrene	ND	0.00100									
Benzo(b)fluoranthene	ND	0.00100									
Benzo(g,h,i)perylene	ND	0.00100									
Benzo(k)fluoranthene	ND	0.00100									
Chrysene	ND	0.00100									
Dibenzo(a,h)anthracene	ND	0.00100									
Fluoranthene	ND	0.00100									
Fluorene	ND	0.00100									
Indeno(1,2,3-cd)pyrene	ND	0.00100									
Naphthalene	ND	0.00100									
Phenanthrene	ND	0.00100									
Pyrene	ND	0.00100									
Surr: 2-Fluorobiphenyl	0.0197		0.02500		78.8	42.9	114				
Surr: Nitrobenzene-d5	0.0180		0.02500		72.0	35.1	109				
Surr: p-Terphenyl-d14	0.0217		0.02500		86.7	45.2	134				

Sample ID: <b>LCS-53971</b>	SampType: <b>LCS</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124250</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53971</b>	<b>SW3510C</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2325767</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.0476	0.00100	0.05000	0	95.2	53.4	101				
Acenaphthylene	0.0478	0.00100	0.05000	0	95.6	52.3	146				
Anthracene	0.0429	0.00100	0.05000	0	85.7	53.7	105				
Benzo(a)anthracene	0.0416	0.00100	0.05000	0	83.3	53.4	105				
Benzo(a)pyrene	0.0454	0.00100	0.05000	0	90.8	57	112				
Benzo(b)fluoranthene	0.0408	0.00100	0.05000	0	81.5	48	99.8				
Benzo(g,h,i)perylene	0.0419	0.00100	0.05000	0	83.7	50	113				
Benzo(k)fluoranthene	0.0466	0.00100	0.05000	0	93.2	51.5	125				
Chrysene	0.0444	0.00100	0.05000	0	88.8	50.5	115				
Dibenzo(a,h)anthracene	0.0440	0.00100	0.05000	0	88.0	53.6	112				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>LCS-53971</b>		SampType: <b>LCS</b>		Units: <b>mg/L</b>		Prep Date: <b>7/2/2009</b>			RunNo: <b>124250</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>53971</b>		<b>SW3510C</b>		Analysis Date: <b>7/3/2009</b>			SeqNo: <b>2325767</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	0.0459	0.00100	0.05000	0	91.8	55.3	108				
Fluorene	0.0412	0.00100	0.05000	0	82.3	52.5	106				
Indeno(1,2,3-cd)pyrene	0.0425	0.00100	0.05000	0	85.1	50.9	112				
Naphthalene	0.0314	0.00100	0.05000	0	62.8	48.8	94.7				
Phenanthrene	0.0422	0.00100	0.05000	0	84.4	52.6	108				
Pyrene	0.0465	0.00100	0.05000	0	93.1	54.3	107				
Surr: 2-Fluorobiphenyl	0.0196		0.02500		78.6	42.9	114				
Surr: Nitrobenzene-d5	0.0187		0.02500		74.9	35.1	109				
Surr: p-Terphenyl-d14	0.0218		0.02500		87.4	45.2	134				

Sample ID: <b>LCSD-53971</b>		SampType: <b>LCSD</b>		Units: <b>mg/L</b>		Prep Date: <b>7/2/2009</b>			RunNo: <b>124250</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>53971</b>		<b>SW3510C</b>		Analysis Date: <b>7/3/2009</b>			SeqNo: <b>2325768</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.0517	0.00100	0.05000	0	103.4	53.4	101	0.04760	8.27	40	S
Acenaphthylene	0.0505	0.00100	0.05000	0	101.0	52.3	146	0.04780	5.48	40	
Anthracene	0.0438	0.00100	0.05000	0	87.6	53.7	105	0.04286	2.19	40	
Benzo(a)anthracene	0.0454	0.00100	0.05000	0	90.8	53.4	105	0.04163	8.64	40	
Benzo(a)pyrene	0.0499	0.00100	0.05000	0	99.9	57	112	0.04538	9.54	40	
Benzo(b)fluoranthene	0.0473	0.00100	0.05000	0	94.6	48	99.8	0.04077	14.8	40	
Benzo(g,h,i)perylene	0.0458	0.00100	0.05000	0	91.6	50	113	0.04186	9.00	40	
Benzo(k)fluoranthene	0.0477	0.00100	0.05000	0	95.4	51.5	125	0.04661	2.34	40	
Chrysene	0.0495	0.00100	0.05000	0	99.1	50.5	115	0.04441	10.9	40	
Dibenzo(a,h)anthracene	0.0488	0.00100	0.05000	0	97.5	53.6	112	0.04401	10.3	40	
Fluoranthene	0.0496	0.00100	0.05000	0	99.2	55.3	108	0.04590	7.78	40	
Fluorene	0.0450	0.00100	0.05000	0	90.0	52.5	106	0.04117	8.86	40	
Indeno(1,2,3-cd)pyrene	0.0463	0.00100	0.05000	0	92.6	50.9	112	0.04253	8.52	40	
Naphthalene	0.0330	0.00100	0.05000	0	65.9	48.8	94.7	0.03141	4.84	40	
Phenanthrene	0.0450	0.00100	0.05000	0	90.0	52.6	108	0.04221	6.39	40	
Pyrene	0.0493	0.00100	0.05000	0	98.6	54.3	107	0.04653	5.78	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW8270C

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>LCSD-53971</b>	SampType: <b>LCSD</b>	Units: <b>mg/L</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124250</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>53971</b>	<b>SW3510C</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2325768</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 2-Fluorobiphenyl	0.0204		0.02500		81.7	42.9	114		0	0	
Surr: Nitrobenzene-d5	0.0230		0.02500		92.0	35.1	109		0	0	
Surr: p-Terphenyl-d14	0.0234		0.02500		93.5	45.2	134		0	0	

Sample ID: <b>LCSDRO-53971</b>	SampType: <b>LCS</b>	Units: <b>%REC</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124250</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>53971</b>	<b>SW3510C</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2325769</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 2-Fluorobiphenyl	0.0238		0.02500		95.3	42.9	114				
Surr: Nitrobenzene-d5	0.0221		0.02500		88.4	35.1	109				
Surr: p-Terphenyl-d14	0.0269		0.02500		107.5	45.2	134				

Sample ID: <b>LCSDROD-53971</b>	SampType: <b>LCSD</b>	Units: <b>%REC</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124250</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>53971</b>	<b>SW3510C</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2325770</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 2-Fluorobiphenyl	0.0205		0.02500		82.0	42.9	114		0	0	
Surr: Nitrobenzene-d5	0.0179		0.02500		71.6	35.1	109		0	0	
Surr: p-Terphenyl-d14	0.0228		0.02500		91.4	45.2	134		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW9012A (TCN) Aqueou

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>MB-R124216</b>	SampType: <b>MBLK</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>124216</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124216</b>		Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324696</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide < 0.007 0.007

Sample ID: <b>LCS-R124216</b>	SampType: <b>LCS</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>124216</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124216</b>		Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324697</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.093 0.007 0.1000 0 93.1 85 115

Sample ID: <b>09070139-004DMS</b>	SampType: <b>MS</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>124216</b>							
Client ID: <b>P1WW-2MS</b>	Batch ID: <b>R124216</b>		Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324711</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 1.63 0.070 0.05000 1.858 -448.1 75 125 S

Sample ID: <b>09070139-004DMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>124216</b>							
Client ID: <b>P1WW-2MSD</b>	Batch ID: <b>R124216</b>		Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324712</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 1.92 0.070 0.05000 1.858 123.1 75 125 1.634 16.1 15 R



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

Test Number: SW9012B (TCN) Solid

Lab Order: 09070139

Report Date: 06-Jul-09

Sample ID: <b>09070139-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>124216</b>				
Client ID: <b>P1-B2-F (24-25)MS</b>	Batch ID: <b>R124216</b>					Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324705</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 2.68 0.55 2.753 0 97.4 75 125

Sample ID: <b>09070139-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>124216</b>				
Client ID: <b>P1-B2-F (24-25)MSD</b>	Batch ID: <b>R124216</b>					Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324706</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 2.70 0.55 2.753 0 98.3 75 125 2.681 0.900 15

Sample ID: <b>MB-R124216</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>124216</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124216</b>					Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2325868</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide < 0.01 0.01

Sample ID: <b>LCS-R124216</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>124216</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124216</b>					Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2325869</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.09 0.01 0.1000 0 93.1 85 115

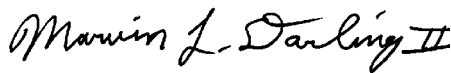
ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005**Client:** PSC Industrial Outsourcing, LP**RECEIVING CHECK LIST****Project:** A831-735002-012901-225/IP Champaign 62403053**Lab Order:** 09070139**Report Date:** 06-Jul-09

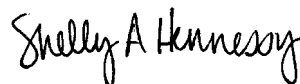
Carrier: Leslie Hoosier

Received By: EC

Completed by:



Reviewed by:



On:

On:

02-Jul-09

03-Jul-09

Marvin L. Darling

Shelly A. Hennessy

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 3.0
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		

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

Additional nitric acid was needed upon arrival at the laboratory. EDC 7/2/09



# Chain of Custody Record

210 West Sand Bank Road  
 P.O. Box 230  
 Columbia, IL 62236-0230

09070139

COC Serial No. **B** 09228

Project Name: Champaign MGP Project Mgr.: Pete Sarama  
 Project Number: 102103053 Cost Code: 600000  
 Sampler(s): L. Hoosier

Laboratory	Name	Location	Sample Number and (depth)		Date		Time	
			Sample No.	Depth	Date	Time	Sample No.	Depth
	Tellab	COLINSVILLE, IL	PI-B1.5-F (11-12)		6/30	1400	X	
			PI-BZ-F (ZZ)		7/1	0840	X	
			PI-BZ-F (24-25)		7/2	0959	X	
			PI-WW-2		7/2	1750	X	

Analyses by Method Name and Number	Total Number of Containers	
	VOCs (8260)	PAHs (8270)
PCRA Metals	X	X
PAHs (8270)	X	X
SVOCs (8270)	X	X
Total Cyanide	X	X
Ammonia Cyanide	X	X

Laboratory Temperature upon Receipt  
3.0

Headspace  
 \*Added HNO3  
 Comments (Field PID)  
 09070139-01  
 -002  
 -003  
 -004

**1 DAY**

**Samples Iced:**  Yes  No

**Preservatives (ONLY for Water Samples)**

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

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

**Lab Directives:**  
 Requested TAT:  Rush  5 Days  STD  Other  
 Fax and/or Mail Results to: Pete Sarama  
 Send Invoice to: \_\_\_\_\_  
 QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other  
 Special Guidelines: \* RUSH \*  
 Reporting Limits: \_\_\_\_\_  
 \* Special: \_\_\_\_\_

**Shipping:**

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

**Relinquished by:** Signature Jessie Hoosier Date 7/2/09 Time 1047

**Received by:** Signature [Signature] Date 7/2/09 Time 1050

July 03, 2009

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



**RE:** A831-735002-012901-225/IP Champaign 62403053

**WorkOrder:** 09070139

Dear Pete Sazama:

TEKLAB, INC received 4 samples on 7/2/2009 4:47:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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,

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## 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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/IP Champaign 62403053

**LabOrder:** 09070139

**Report Date:** 03-Jul-09

**Cooler Receipt Temp:** 3.0 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

## 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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-002  
**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (22)  
**Collection Date:** 7/1/2009 8:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		9.9	%	1	7/2/2009 5:30:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		90.1	%	1	7/2/2009 5:30:00 PM	MAB
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	7/3/2009 1:19:26 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.191		8.03	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Acenaphthylene	NELAP	0.191		0.550	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Anthracene	NELAP	0.191		1.10	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Benzo(a)anthracene	NELAP	0.191		0.382	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Benzo(a)pyrene	NELAP	0.191		0.219	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.191		0.193	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.191		ND	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.191		ND	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	3.76		ND	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Chrysene	NELAP	0.191		0.256	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.191		ND	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Fluoranthene	NELAP	0.191		0.829	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Fluorene	NELAP	0.191		2.88	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.191		ND	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Naphthalene	NELAP	0.191		34.2	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Phenanthrene	NELAP	0.191		4.98	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Pyrene	NELAP	0.191		1.05	mg/Kg-dry	50	7/3/2009 1:40:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		18.0	%REC	50	7/3/2009 1:40:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		20.0	%REC	50	7/3/2009 1:40:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131	S	20.0	%REC	50	7/3/2009 1:40:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	5.61	S	ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
1,2-Dichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
1,3-Dichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
1,4-Dichlorobenzene	NELAP	5.61	S	ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2,4-Dichlorophenol	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2,4-Dimethylphenol	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2,4-Dinitrophenol	NELAP	11.2	S	ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2,4-Dinitrotoluene	NELAP	3.93	S	ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2,6-Dinitrotoluene	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-002  
**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (22)  
**Collection Date:** 7/1/2009 8:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Chloronaphthalene	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2-Chlorophenol	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2-Methoxy-4-methylphenol		7.30		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2-Methylnaphthalene	NELAP	3.93		18.1	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2-Nitroaniline	NELAP	11.2		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
2-Nitrophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
3-Nitroaniline	NELAP	11.2		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	11.2		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
4-Chloroaniline	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
4-Nitroaniline	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
4-Nitrophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Aniline	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Azobenzene		3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Benzidine	NELAP	11.9		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Benzoic acid	NELAP	16.8		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Benzyl alcohol	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Butyl benzyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Carbazole		5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Dibenzofuran	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Diethyl phthalate	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Dimethyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Di-n-butyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Di-n-octyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Hexachlorobenzene	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Hexachlorobutadiene	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Hexachloroethane	NELAP	5.61	S	ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Isophorone	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
m,p-Cresol	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Nitrobenzene	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
N-Nitrosodimethylamine	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-002  
**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (22)  
**Collection Date:** 7/1/2009 8:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
N-Nitroso-di-n-propylamine	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
o-Cresol	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Pentachlorophenol	NELAP	22.4	S	ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Phenol	NELAP	3.93		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Pyridine	NELAP	5.61		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
1,2-Diphenylhydrazine		9.43		ND	mg/Kg-dry	10	7/3/2009 11:49:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		67.1	%REC	10	7/3/2009 11:49:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		87.4	%REC	10	7/3/2009 11:49:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		67.9	%REC	10	7/3/2009 11:49:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		70.3	%REC	10	7/3/2009 11:49:00 AM	DMH
Surr: Phenol-d5		34.9-110		76.0	%REC	10	7/3/2009 11:49:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		87.8	%REC	10	7/3/2009 11:49:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1,1-Trichloroethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1,2-Trichloroethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1-Dichloro-2-propanone		68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1-Dichloroethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1-Dichloroethene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,1-Dichloropropene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2,3-Trichloropropane	NELAP	13800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2,3-Trimethylbenzene		6880	J	1800	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	6880	J	5000	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2-Dibromoethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2-Dichlorobenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2-Dichloroethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,2-Dichloropropane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	6880	J	1500	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,3-Dichlorobenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,3-Dichloropropane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1,4-Dichlorobenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
1-Chlorobutane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-002  
**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (22)  
**Collection Date:** 7/1/2009 8:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,2-Dichloropropane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
2-Butanone	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
2-Chlorotoluene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
2-Hexanone	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
2-Nitropropane	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
4-Chlorotoluene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
4-Methyl-2-pentanone	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Acetone	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Acrolein	NELAP	138000		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Acrylonitrile	NELAP	13800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Allyl chloride	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Benzene	NELAP	1380		13700	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Bromobenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Bromochloromethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Bromodichloromethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Bromoform	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Bromomethane	NELAP	13800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Carbon disulfide	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Carbon tetrachloride	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Chlorobenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Chloroethane	NELAP	13800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Chloroform	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Chloromethane	NELAP	13800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	5510		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Cyclohexanone		138000		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Dibromochloromethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Dibromomethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Dichlorodifluoromethane	NELAP	13800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Ethyl acetate	NELAP	68800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Ethyl ether	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Ethyl methacrylate	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Ethylbenzene	NELAP	6880	J	5700	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Heptane		27500		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Hexachlorobutadiene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Hexachloroethane	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Iodomethane	NELAP	13800		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Isopropylbenzene	NELAP	6880		ND	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-002  
**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (22)  
**Collection Date:** 7/1/2009 8:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
m,p-Xylenes	NELAP	6880		<b>8800</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Methacrylonitrile	NELAP	68800		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Methyl Methacrylate	NELAP	6880		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Methyl tert-butyl ether	NELAP	2750		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Methylacrylate		13800		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Methylene chloride	NELAP	6880		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Naphthalene	NELAP	13800		<b>154000</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
n-Butylbenzene	NELAP	6880		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
n-Hexane		27500		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Nitrobenzene	NELAP	138000		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
n-Propylbenzene	NELAP	6880		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
o-Xylene	NELAP	6880	J	<b>3900</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Pentachloroethane	NELAP	6880		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
p-Isopropyltoluene	NELAP	6880		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Propionitrile	NELAP	68800		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
sec-Butylbenzene	NELAP	6880		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Styrene	NELAP	6880		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
tert-Butylbenzene	NELAP	6880		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Tetrachloroethene	NELAP	6880		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Tetrahydrofuran	NELAP	68800		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Toluene	NELAP	6880		<b>14900</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	6880		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	5510		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Trichloroethene	NELAP	6880		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Trichlorofluoromethane	NELAP	6880		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Vinyl acetate	NELAP	68800		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Vinyl chloride	NELAP	2750		<b>ND</b>	µg/Kg-dry	500	7/2/2009 8:39:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		<b>98.4</b>	%REC	500	7/2/2009 8:39:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		<b>105.1</b>	%REC	500	7/2/2009 8:39:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		<b>103.6</b>	%REC	500	7/2/2009 8:39:00 PM	JSA
Surr: Toluene-d8		80.1-122		<b>99.1</b>	%REC	500	7/2/2009 8:39:00 PM	JSA
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.011</b>	mg/Kg-dry	1	7/2/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.555		<b>&lt; 0.555</b>	mg/Kg-dry	1	7/3/2009 8:38:56 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide		0.55		<b>&lt; 0.55</b>	mg/Kg-dry	1	7/3/2009 8:38:56 AM	RCE

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## LABORATORY RESULTS

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**Lab ID:** 09070139-002

**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** P1-B2-F (22)

**Collection Date:** 7/1/2009 8:40:00 AM

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
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### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

Surrogate recovery was outside QC limits due to sample dilution.

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-003  
**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (24-25)  
**Collection Date:** 7/2/2009 9:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		9.2	%	1	7/2/2009 5:30:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		90.8	%	1	7/2/2009 5:30:00 PM	MAB
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.577	S	< 0.577	mg/Kg-dry	1	7/3/2009 1:22:46 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.008	SR	0.114	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Acenaphthylene	NELAP	0.008	SR	0.096	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Anthracene	NELAP	0.008	SR	0.091	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Benzo(a)anthracene	NELAP	0.008	SR	0.060	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Benzo(a)pyrene	NELAP	0.008	SR	0.051	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.008	SR	0.044	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.008		0.023	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.008		0.014	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.148		ND	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Chrysene	NELAP	0.008	SR	0.059	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.008		ND	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Fluoranthene	NELAP	0.008	SR	0.121	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Fluorene	NELAP	0.008	SR	0.113	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.008		0.016	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Naphthalene	NELAP	0.008	SR	0.951	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Phenanthrene	NELAP	0.008	SR	0.387	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Pyrene	NELAP	0.008	SR	0.172	mg/Kg-dry	2	7/3/2009 2:15:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		64.9	%REC	2	7/3/2009 2:15:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		74.7	%REC	2	7/3/2009 2:15:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		74.7	%REC	2	7/3/2009 2:15:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.552	J	0.35	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.10		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-003  
**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (24-25)  
**Collection Date:** 7/2/2009 9:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Chloronaphthalene	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2-Chlorophenol	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2-Methoxy-4-methylphenol		0.718		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2-Methylnaphthalene	NELAP	0.386		0.438	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
2-Nitrophenol	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
3-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.10		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
4-Chloroaniline	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
4-Nitroaniline	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
4-Nitrophenol	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Aniline	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Azobenzene		0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Benzidine	NELAP	1.17		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Benzoic acid	NELAP	1.66		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Benzyl alcohol	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Carbazole		0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Dibenzofuran	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Diethyl phthalate	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Dimethyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Hexachlorobenzene	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Hexachlorobutadiene	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Hexachloroethane	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Isophorone	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
m,p-Cresol	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Nitrobenzene	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-003  
**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (24-25)  
**Collection Date:** 7/2/2009 9:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
N-Nitroso-di-n-propylamine	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
o-Cresol	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Pentachlorophenol	NELAP	2.21		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Phenol	NELAP	0.386		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Pyridine	NELAP	0.552		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
1,2-Diphenylhydrazine		0.927		ND	mg/Kg-dry	1	7/3/2009 11:19:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		91.1	%REC	1	7/3/2009 11:19:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		89.1	%REC	1	7/3/2009 11:19:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		79.8	%REC	1	7/3/2009 11:19:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		75.2	%REC	1	7/3/2009 11:19:00 AM	DMH
Surr: Phenol-d5		34.9-110		83.7	%REC	1	7/3/2009 11:19:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		85.1	%REC	1	7/3/2009 11:19:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1,1-Trichloroethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1,2-Trichloroethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1-Dichloro-2-propanone		39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1-Dichloroethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1-Dichloroethene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,1-Dichloropropene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2,3-Trichloropropane	NELAP	7920		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2,3-Trimethylbenzene		3960	J	3000	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	3960		8220	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2-Dibromoethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2-Dichlorobenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2-Dichloroethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,2-Dichloropropane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	3960	J	2200	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,3-Dichlorobenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,3-Dichloropropane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1,4-Dichlorobenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
1-Chlorobutane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-003  
**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (24-25)  
**Collection Date:** 7/2/2009 9:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,2-Dichloropropane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
2-Butanone	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
2-Chlorotoluene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
2-Hexanone	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
2-Nitropropane	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
4-Chlorotoluene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
4-Methyl-2-pentanone	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Acetone	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Acrolein	NELAP	79200		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Acrylonitrile	NELAP	7920		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Allyl chloride	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Benzene	NELAP	792		10900	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Bromobenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Bromochloromethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Bromodichloromethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Bromoform	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Bromomethane	NELAP	7920		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Carbon disulfide	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Carbon tetrachloride	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Chlorobenzene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Chloroethane	NELAP	7920		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Chloroform	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Chloromethane	NELAP	7920		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	3170		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Cyclohexanone		79200		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Dibromochloromethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Dibromomethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Dichlorodifluoromethane	NELAP	7920		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Ethyl acetate	NELAP	39600		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Ethyl ether	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Ethyl methacrylate	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Ethylbenzene	NELAP	3960		12300	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Heptane		15800		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Hexachlorobutadiene	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Hexachloroethane	NELAP	3960		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Iodomethane	NELAP	7920		ND	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Isopropylbenzene	NELAP	3960	J	900	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-003  
**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1-B2-F (24-25)  
**Collection Date:** 7/2/2009 9:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
m,p-Xylenes	NELAP	3960		<b>10500</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Methacrylonitrile	NELAP	39600		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Methyl Methacrylate	NELAP	3960		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Methyl tert-butyl ether	NELAP	1580		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Methylacrylate		7920		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Methylene chloride	NELAP	3960		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Naphthalene	NELAP	19800		<b>189000</b>	µg/Kg-dry	1250	7/2/2009 9:06:00 PM	JSA
n-Butylbenzene	NELAP	3960	J	<b>1400</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
n-Hexane		15800		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Nitrobenzene	NELAP	79200		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
n-Propylbenzene	NELAP	3960		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
o-Xylene	NELAP	3960		<b>5430</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Pentachloroethane	NELAP	3960		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
p-Isopropyltoluene	NELAP	3960		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Propionitrile	NELAP	39600		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
sec-Butylbenzene	NELAP	3960		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Styrene	NELAP	3960		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
tert-Butylbenzene	NELAP	3960		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Tetrachloroethene	NELAP	3960		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Tetrahydrofuran	NELAP	39600		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Toluene	NELAP	3960		<b>12000</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	3960		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	3170		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Trichloroethene	NELAP	3960		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Trichlorofluoromethane	NELAP	3960		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Vinyl acetate	NELAP	39600		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Vinyl chloride	NELAP	1580		<b>ND</b>	µg/Kg-dry	500	7/2/2009 7:18:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		<b>100.6</b>	%REC	500	7/2/2009 7:18:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		<b>107.5</b>	%REC	500	7/2/2009 7:18:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		<b>105.2</b>	%REC	500	7/2/2009 7:18:00 PM	JSA
Surr: Toluene-d8		80.1-122		<b>98.5</b>	%REC	500	7/2/2009 7:18:00 PM	JSA
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		<b>0.014</b>	mg/Kg-dry	1	7/3/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.551		<b>Interference</b>	mg/Kg-dry	1	7/3/2009 8:38:56 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.55		<b>&lt; 0.55</b>	mg/Kg-dry	1	7/3/2009 8:38:56 AM	RCE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/IP Champ

**WorkOrder:** 09070139

**Client Sample ID:** P1-B2-F (24-25)

**Lab ID:** 09070139-003

**Collection Date:** 7/2/2009 9:59:00 AM

**Report Date:** 03-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
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### Sample Narrative

SW-846 3050B, Metals by GFAA

Se- Matrix interference present in sample.

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-004  
**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1WW-2  
**Collection Date:** 7/2/2009 12:50:00 PM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3020A, METALS BY GFAA (TOTAL)</u></b>								
Lead 7421	NELAP	0.0020		<b>0.0052</b>	mg/L	1	7/3/2009 10:11:34 AM	MEK
<b><u>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.0100		<b>0.205</b>	mg/L	100	7/3/2009 3:24:00 PM	DMH
Acenaphthylene	NELAP	0.00010		<b>0.0127</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Anthracene	NELAP	0.00010		<b>0.0255</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Benzo(a)anthracene	NELAP	0.00010		<b>0.00782</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Benzo(a)pyrene	NELAP	0.00010		<b>0.00606</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Benzo(b)fluoranthene	NELAP	0.00010		<b>0.00535</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Benzo(g,h,i)perylene	NELAP	0.00010		<b>0.00213</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Benzo(k)fluoranthene	NELAP	0.00010		<b>0.00164</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		<b>0.00503</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Chrysene	NELAP	0.00010		<b>0.00799</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Dibenzo(a,h)anthracene	NELAP	0.00010		<b>0.00066</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Diethyl phthalate	NELAP	0.00100	J	<b>0.00081</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Dimethyl phthalate	NELAP	0.100		<b>ND</b>	mg/L	100	7/3/2009 3:24:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.00100		<b>0.00363</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Fluoranthene	NELAP	0.00010		<b>0.0242</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Fluorene	NELAP	0.0100		<b>0.0724</b>	mg/L	100	7/3/2009 3:24:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		<b>0.00187</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
m,p-Cresol	NELAP	0.00010		<b>0.0103</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Naphthalene	NELAP	0.0100		<b>0.969</b>	mg/L	100	7/3/2009 3:24:00 PM	DMH
o-Cresol	NELAP	0.00010		<b>0.00952</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Phenanthrene	NELAP	0.0100		<b>0.128</b>	mg/L	100	7/3/2009 3:24:00 PM	DMH
Pyrene	NELAP	0.00010		<b>0.0301</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Total PNAs except Naphthalene		0.00013		<b>0.544</b>	mg/L	1	7/3/2009 10:48:00 AM	DMH
Surr: 2-Fluorobiphenyl		41.1-108		<b>98.0</b>	%REC	100	7/3/2009 3:24:00 PM	DMH
Surr: 2-Fluorophenol		16.8-65.9		<b>38.8</b>	%REC	1	7/3/2009 10:48:00 AM	DMH
Surr: Nitrobenzene-d5		37.6-105		<b>70.0</b>	%REC	100	7/3/2009 3:24:00 PM	DMH
Surr: Phenol-d5		11-42.8		<b>33.3</b>	%REC	1	7/3/2009 10:48:00 AM	DMH
Surr: p-Terphenyl-d14		49-113		<b>97.2</b>	%REC	1	7/3/2009 10:48:00 AM	DMH
<b><u>SW-846 3510C, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.010		<b>ND</b>	mg/L	1	7/3/2009 10:23:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.010		<b>ND</b>	mg/L	1	7/3/2009 10:23:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.010		<b>ND</b>	mg/L	1	7/3/2009 10:23:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.010		<b>ND</b>	mg/L	1	7/3/2009 10:23:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.010		<b>ND</b>	mg/L	1	7/3/2009 10:23:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.010		<b>ND</b>	mg/L	1	7/3/2009 10:23:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.010		<b>ND</b>	mg/L	1	7/3/2009 10:23:00 AM	DMH

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-004  
**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1WW-2  
**Collection Date:** 7/2/2009 12:50:00 PM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4-Dimethylphenol	NELAP	0.010		0.016	mg/L	1	7/3/2009 10:23:00 AM	DMH
2,4-Dinitrophenol	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2-Chloronaphthalene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2-Chlorophenol	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2-Methoxy-4-methylphenol		0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2-Methylnaphthalene	NELAP	0.100		0.415	mg/L	10	7/3/2009 10:57:00 AM	DMH
2-Nitroaniline	NELAP	0.040		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
2-Nitrophenol	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
3-Nitroaniline	NELAP	0.040		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
4-Chloroaniline	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
4-Nitroaniline	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
4-Nitrophenol	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Aniline	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Azobenzene		0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Benzidine	NELAP	0.040		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Benzoic acid	NELAP	0.050		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Benzyl alcohol	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Carbazole	NELAP	0.020		0.037	mg/L	1	7/3/2009 10:23:00 AM	DMH
Dibenzofuran	NELAP	0.010		0.018	mg/L	1	7/3/2009 10:23:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Hexachlorobenzene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Hexachlorobutadiene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Hexachloroethane	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Isophorone	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Nitrobenzene	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-004  
**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1WW-2  
**Collection Date:** 7/2/2009 12:50:00 PM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3510C, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
N-Nitroso-di-n-propylamine	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.010		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Pentachlorophenol	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Phenol	NELAP	0.005		0.012	mg/L	1	7/3/2009 10:23:00 AM	DMH
Pyridine	NELAP	0.020		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Quinoline		0.005		ND	mg/L	1	7/3/2009 10:23:00 AM	DMH
Surr: 2,4,6-Tribromophenol		27.7-149		85.1	%REC	1	7/3/2009 10:23:00 AM	DMH
Surr: 2-Fluorobiphenyl		44.9-116		48.9	%REC	1	7/3/2009 10:23:00 AM	DMH
Surr: 2-Fluorophenol		10.6-78.7		49.9	%REC	1	7/3/2009 10:23:00 AM	DMH
Surr: Nitrobenzene-d5		41.4-104		50.5	%REC	1	7/3/2009 10:23:00 AM	DMH
Surr: Phenol-d5		9.04-52.9		29.3	%REC	1	7/3/2009 10:23:00 AM	DMH
Surr: p-Terphenyl-d14		23.5-114		76.0	%REC	1	7/3/2009 10:23:00 AM	DMH
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1,1-Trichloroethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1,2,2-Tetrachloroethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1,2-Trichloro-1,2,2-trifluoroethane		1000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1,2-Trichloroethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1-Dichloro-2-propanone		2500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1-Dichloroethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1-Dichloroethene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,1-Dichloropropene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2,3-Trichlorobenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2,3-Trichloropropane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2,3-Trimethylbenzene		250	J	86	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2,4-Trichlorobenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2,4-Trimethylbenzene	NELAP	250	J	180	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2-Dibromo-3-chloropropane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2-Dibromoethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2-Dichlorobenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2-Dichloroethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,2-Dichloropropane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,3,5-Trimethylbenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,3-Dichlorobenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,3-Dichloropropane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1,4-Dichlorobenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
1-Chlorobutane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
2,2-Dichloropropane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-004  
**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1WW-2  
**Collection Date:** 7/2/2009 12:50:00 PM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Butanone	NELAP	1250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
2-Chloroethyl vinyl ether	NELAP	1000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
2-Chlorotoluene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
2-Hexanone	NELAP	1250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
2-Nitropropane	NELAP	2500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
4-Chlorotoluene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
4-Methyl-2-pentanone	NELAP	1250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Acetone	NELAP	1250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Acetonitrile	NELAP	2500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Acrolein	NELAP	5000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Acrylonitrile	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Allyl chloride	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Benzene	NELAP	100		1450	µg/L	50	7/3/2009 3:49:00 AM	CCF
Bromobenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Bromochloromethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Bromodichloromethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Bromoform	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Bromomethane	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Butyl acetate		1250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Carbon disulfide	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Carbon tetrachloride	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Chlorobenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Chloroethane	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Chloroform	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Chloromethane	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Chloroprene	NELAP	1000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
cis-1,2-Dichloroethene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
cis-1,3-Dichloropropene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
cis-1,4-Dichloro-2-butene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Cyclohexanone		2500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Dibromochloromethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Dibromomethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Dichlorodifluoromethane	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Ethyl acetate	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Ethyl ether	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Ethyl methacrylate	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Ethylbenzene	NELAP	250		806	µg/L	50	7/3/2009 3:49:00 AM	CCF
Heptane		1000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF

## 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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070139  
**Lab ID:** 09070139-004  
**Report Date:** 03-Jul-09

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** P1WW-2  
**Collection Date:** 7/2/2009 12:50:00 PM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Hexachloroethane	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Iodomethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Isopropylbenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
m,p-Xylenes	NELAP	250		366	µg/L	50	7/3/2009 3:49:00 AM	CCF
Methacrylonitrile	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Methyl Methacrylate	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Methyl tert-butyl ether	NELAP	100		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Methylacrylate		500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Methylene chloride	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Naphthalene	NELAP	500		4060	µg/L	50	7/3/2009 3:49:00 AM	CCF
n-Butylbenzene	NELAP	250	J	120	µg/L	50	7/3/2009 3:49:00 AM	CCF
n-Hexane		1000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Nitrobenzene	NELAP	2500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
n-Propylbenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
o-Xylene	NELAP	250		330	µg/L	50	7/3/2009 3:49:00 AM	CCF
Pentachloroethane	NELAP	1000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
p-Isopropyltoluene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Propionitrile	NELAP	2500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
sec-Butylbenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Styrene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
tert-Butylbenzene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Tetrachloroethene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Tetrahydrofuran	NELAP	1000		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Toluene	NELAP	250	J	96	µg/L	50	7/3/2009 3:49:00 AM	CCF
trans-1,2-Dichloroethene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
trans-1,3-Dichloropropene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
trans-1,4-Dichloro-2-butene	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Trichloroethene	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Trichlorofluoromethane	NELAP	250		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Vinyl acetate	NELAP	500		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Vinyl chloride	NELAP	100		ND	µg/L	50	7/3/2009 3:49:00 AM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		92.8	%REC	50	7/3/2009 3:49:00 AM	CCF
Surr: 4-Bromofluorobenzene		86-119		108.3	%REC	50	7/3/2009 3:49:00 AM	CCF
Surr: Dibromofluoromethane		81.7-123		99.2	%REC	50	7/3/2009 3:49:00 AM	CCF
Surr: Toluene-d8		84.3-114		101.6	%REC	50	7/3/2009 3:49:00 AM	CCF
<b><u>SW-846 7470A (TOTAL)</u></b>								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	7/2/2009	ALU

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP**Client Project:** A831-735002-012901-225/IP Champ**WorkOrder:** 09070139**Client Sample ID:** P1WW-2**Lab ID:** 09070139-004**Collection Date:** 7/2/2009 12:50:00 PM**Report Date:** 03-Jul-09**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.100		<b>Interference</b>	ml/L	10	7/3/2009 8:38:56 AM	RCE

### Sample Narrative

SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS

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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/IP Champaign 62403053

**Lab Order:** 09070139

**Report Date:** 03-Jul-09

Carrier: Leslie Hoosier

Received By: EC

Completed by:



Reviewed by:



On:

On:

02-Jul-09

03-Jul-09

Marvin L. Darling

Shelly A. Hennessy

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 3.0
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		

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

Additional nitric acid was needed upon arrival at the laboratory. EDC 7/2/09



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

July 07, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09070141

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 7/2/2009 4:47:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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,

A handwritten signature in black ink that reads 'Heather A. White'.

Heather A. White  
Project Manager  
(618)344-1004 ex 20

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070141

**Report Date:** 07-Jul-09

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
09070141-001	IAW-1 (4-6 ft)	1	7/1/2009 8:15:00 PM
09070141-002	IAW-2 (4 ft)	1	7/1/2009 8:55:00 PM

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09070141

**Report Date:** 07-Jul-09

**Cooler Receipt Temp:** 5.2 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070141  
**Lab ID:** 09070141-001  
**Report Date:** 07-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** IAW-1 (4-6 ft)  
**Collection Date:** 7/1/2009 8:15:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		25.6	%	1	7/2/2009 5:30:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		74.4	%	1	7/2/2009 5:30:00 PM	MAB
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	33.5	S#	107	mg/Kg-dry	5	7/3/2009 4:42:00 PM	SP
Kerosene	NELAP	33.5		ND	mg/Kg-dry	5	7/3/2009 4:42:00 PM	SP
Mineral Spirits	NELAP	33.5		ND	mg/Kg-dry	5	7/3/2009 4:42:00 PM	SP
Motor Oil	NELAP	33.5	#	162	mg/Kg-dry	5	7/3/2009 4:42:00 PM	SP
Surr: n-Tetracontane	NELAP	50.6-140		102.6	%REC	5	7/3/2009 4:42:00 PM	SP

### Sample Narrative

SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070141  
**Lab ID:** 09070141-002  
**Report Date:** 07-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** IAW-2 (4 ft)  
**Collection Date:** 7/1/2009 8:55:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		25.5	%	1	7/2/2009 5:30:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		74.5	%	1	7/2/2009 5:30:00 PM	MAB
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	33.2	#	182	mg/Kg-dry	5	7/3/2009 5:33:00 PM	SP
Kerosene	NELAP	33.2		ND	mg/Kg-dry	5	7/3/2009 5:33:00 PM	SP
Mineral Spirits	NELAP	33.2		ND	mg/Kg-dry	5	7/3/2009 5:33:00 PM	SP
Motor Oil	NELAP	33.2	#	147	mg/Kg-dry	5	7/3/2009 5:33:00 PM	SP
Surr: n-Tetracontane	NELAP	50.6-140		86.5	%REC	5	7/3/2009 5:33:00 PM	SP

### Sample Narrative

SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP**DATES REPORT****Project:** A831-735002-012901-225/Ameren Champaign 62403053**Lab Order:** 09070141**Report Date:** 07-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070141-001A	IAW-1 (4-6 ft)	7/1/2009	Solid	ASTM D2974		7/2/2009 5:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/2/2009 5:30:00 PM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	7/3/2009 1:37:20 PM	7/3/2009 4:42:00 PM
09070141-002A	IAW-2 (4 ft)			ASTM D2974		7/2/2009 5:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/2/2009 5:30:00 PM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	7/3/2009 1:37:20 PM	7/3/2009 5:33:00 PM

**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- 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.
- 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. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- 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. (NELAC) The acceptable recovery range is listed in this report.
- LCS D** 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 this report.
- 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 this report.
- 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 this report.
- MDL** Method detection limit or limit of detection (LOD) 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.
- MB/LCB** Method blank or lab control 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 are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) 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 this report.
- 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 this report.
- 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. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

**Qualifiers**

<b>DF</b> - Dilution Factor	<b>B</b> - Analyte detected in the associated Method Blank	<b>C</b> - Client requested RL below PQL	<b>MI</b> - Matrix interference
<b>RL</b> - Reporting Limit	<b>J</b> - Analyte detected below reporting limits	<b>D</b> - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	<b>R</b> - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	<b>S</b> - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count ( > 200 CFU )	<b>X</b> - Value exceeds Maximum Contaminant Level	<b>#</b> - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09070141

Report Date: 07-Jul-09

## ANALYTICAL QC SUMMARY REPORT

Test Number: M2540 G

Sample ID: <b>LCS-R124203</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>124203</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124203</b>		Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324521</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>124203</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124203</b>		Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324522</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Sample ID: <b>09070141-001ADUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>124203</b>							
Client ID: <b>IAW-1 (4-6 ft)DUP</b>	Batch ID: <b>R124203</b>		Analysis Date: <b>7/2/2009</b>	SeqNo: <b>2324544</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 75.3 0.1 74.42 1.22 15



Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8015M/OA2**

Lab Order: 09070141

Report Date: 07-Jul-09

Sample ID: <b>MB-53975</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124220</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53975</b>	<b>SW3550B</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324790</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	5.00									
Kerosene	ND	5.00									
Mineral Spirits	ND	5.00									
Motor Oil	ND	5.00									
Surr: n-Tetracontane	0.52		0.6700		77.5	54.8	128				

Sample ID: <b>LCS-53975</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/2/2009</b>	RunNo: <b>124220</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>53975</b>	<b>SW3550B</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2324791</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	14.2	5.00	16.70	0	85.0	38	102				
Surr: n-Tetracontane	0.45		0.6700		67.1	54.8	128				

Sample ID: <b>09070141-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/3/2009</b>	RunNo: <b>124220</b>
Client ID: <b>IAW-1 (4-6 ft)MS</b>	Batch ID: <b>53975</b>	<b>SW3550B</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2325416</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	118	33.3	22.22	106.9	51.7	20.3	167				#
Surr: n-Tetracontane	0.75		0.8914		84.7	53.9	153				

Sample ID: <b>09070141-001MSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/3/2009</b>	RunNo: <b>124220</b>
Client ID: <b>IAW-1 (4-6 ft)MSD</b>	Batch ID: <b>53975</b>	<b>SW3550B</b>	Analysis Date: <b>7/3/2009</b>	SeqNo: <b>2325417</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	102	33.9	22.65	106.9	-19.7	20.3	167	118.4	14.5	34	S#
Surr: n-Tetracontane	0.94		0.9088		103.4	53.9	153		0	0	

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070141

**Report Date:** 07-Jul-09

Carrier: Leslie Hoosier

Received By: EC

Completed by:



On:

03-Jul-09

Elizabeth A. Hurley

Reviewed by:



On:

03-Jul-09

Shelly A. Hennessy

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 5.2
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <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

09070141

COC Serial No. B 09229

Project Name: Campaign NGP  
Project Mgr.: Pete Szrama  
Project Number: 62403053  
Cost Code: 600000  
Sampler(s): Stu Cravens  
Laboratory Name: Teklab

Analyses by Method Name and Number

Method Name	Number	Analysis
TPH-DRO	Fingerprint	X
TPH-DRO	Fingerprint	X

Laboratory Temperature upon Receipt  
5.2

Sample Number and (depth)	Date	Time	Matrix				Total Number of Containers	Comments (Field PID)	Lab ID #'s
			Soil	Water	Air	Wipes			
JAW-1 (4-6')	7/1	2015	X			1	TPH / DRO	09070141-CC1	
JAW-2 (4')	7/1	2055	X			1	Fingerprint	CC2	
Per Stu Cravens, analyzing as OA2. SAH 7/3/09									
<del>1 DAY</del> SAH 7/3/09									

**Samples Iced:**  Yes  No

**Preservatives (ONLY for Water Samples)**

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

**Lab Directives:**  5 Days  STD  Other

Requested TAT:  Rush  5 Days  Other

Fax and/or Mail Results to: \_\_\_\_\_

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

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

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

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

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

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

**Relinquished by:** Signature: Stu Cravens Date: 7/2/09 Time: 1647

**Received by:** Signature: [Signature] Date: 7/2/09 Time: 1647

July 13, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09070337

Dear Pete Sazama:

TEKLAB, INC received 7 samples on 7/8/2009 2:45:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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,

A handwritten signature in black ink that reads 'Heather A. White'.

Heather A. White  
Project Manager  
(618)344-1004 ex 20

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070337

**Report Date:** 13-Jul-09

Lab Sample ID	Client Sample ID	Fractions	Collection Date
09070337-001	P1-A2-W (15)	6	7/6/2009 2:39:00 PM
09070337-002	P1-A3-W (3)	6	7/7/2009 8:50:00 AM
09070337-003	P1-A3-W (10)	6	7/7/2009 8:59:00 AM
09070337-004	P1-A3-W (20)	6	7/7/2009 9:15:00 AM
09070337-005	P1-A4-W (3)	6	7/7/2009 1:44:00 PM
09070337-006	P1-A4-W (8)	6	7/7/2009 1:55:00 PM
09070337-007	P1-A4-W (20)	6	7/7/2009 2:05:00 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09070337

**Report Date:** 13-Jul-09

**Cooler Receipt Temp:** 4.4 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070337

**Client Sample ID:** P1-A2-W (15)

**Lab ID:** 09070337-001

**Collection Date:** 7/6/2009 2:39:00 PM

**Report Date:** 13-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		12.2	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.8	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.31		< 2.31	mg/Kg-dry	1	7/9/2009 1:37:24 PM	LAL
Barium	NELAP	0.46		16.4	mg/Kg-dry	1	7/9/2009 1:37:24 PM	LAL
Cadmium	NELAP	0.19		0.26	mg/Kg-dry	1	7/9/2009 1:37:24 PM	LAL
Chromium	NELAP	0.93		15.6	mg/Kg-dry	1	7/9/2009 1:37:24 PM	LAL
Lead	NELAP	3.70		11.1	mg/Kg-dry	1	7/9/2009 1:37:24 PM	LAL
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	7/9/2009 1:37:24 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	0.733	mg/Kg-dry	1	7/9/2009 2:37:34 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.038	S	1.6	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Acenaphthylene	NELAP	0.038	S	0.59	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Anthracene	NELAP	0.038	S	0.97	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Benzo(a)anthracene	NELAP	0.038		0.48	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Benzo(a)pyrene	NELAP	0.038		0.38	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.038		0.32	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.038		0.16	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.038		0.098	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.74	S	ND	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Chrysene	NELAP	0.038		0.45	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.038		0.043	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Fluoranthene	NELAP	0.038		0.99	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Fluorene	NELAP	0.038	S	1.0	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.038		0.13	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Naphthalene	NELAP	0.038	S	11	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Phenanthrene	NELAP	0.038	S	3.4	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Pyrene	NELAP	0.038	S	1.4	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		59.6	%REC	10	7/9/2009 10:15:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		71.2	%REC	10	7/9/2009 10:15:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		71.2	%REC	10	7/9/2009 10:15:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-001  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A2-W (15)  
**Collection Date:** 7/6/2009 2:39:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2-Chloronaphthalene	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2-Chlorophenol	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2-Methoxy-4-methylphenol		0.719		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2-Methylnaphthalene	NELAP	0.387		4.10	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2-Nitrophenol	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
4-Chloroaniline	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
4-Nitroaniline	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
4-Nitrophenol	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Aniline	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Azobenzene		0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Benzidine	NELAP	1.17		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Benzoic acid	NELAP	1.66		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Benzyl alcohol	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Carbazole		0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Dibenzofuran	NELAP	0.387	J	0.24	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Diethyl phthalate	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Dimethyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Hexachlorobenzene	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-001  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A2-W (15)  
**Collection Date:** 7/6/2009 2:39:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Hexachloroethane	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Isophorone	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
m,p-Cresol	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Nitrobenzene	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
o-Cresol	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Pentachlorophenol	NELAP	2.21		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Phenol	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Pyridine	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
1,2-Diphenylhydrazine		0.929		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		86.9	%REC	1	7/8/2009 11:28:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		83.1	%REC	1	7/8/2009 11:28:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		69.9	%REC	1	7/8/2009 11:28:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		68.5	%REC	1	7/8/2009 11:28:00 PM	DMH
Surr: Phenol-d5		34.9-110		73.8	%REC	1	7/8/2009 11:28:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		79.2	%REC	1	7/8/2009 11:28:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1,1-Trichloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1,2-Trichloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1-Dichloro-2-propanone		21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1-Dichloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1-Dichloroethene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1-Dichloropropene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2,3-Trichloropropane	NELAP	4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2,3-Trimethylbenzene		2140	J	800	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	2140		2260	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2-Dibromoethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2-Dichlorobenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-001  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A2-W (15)  
**Collection Date:** 7/6/2009 2:39:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2-Dichloropropane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	2140	J	620	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,3-Dichlorobenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,3-Dichloropropane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,4-Dichlorobenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1-Chlorobutane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
2,2-Dichloropropane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
2-Butanone	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
2-Chlorotoluene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
2-Hexanone	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
2-Nitropropane	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
4-Chlorotoluene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
4-Methyl-2-pentanone	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Acetone	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Acrolein	NELAP	42900		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Acrylonitrile	NELAP	4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Allyl chloride	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Benzene	NELAP	429		4960	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Bromobenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Bromochloromethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Bromodichloromethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Bromoform	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Bromomethane	NELAP	4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Carbon disulfide	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Carbon tetrachloride	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Chlorobenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Chloroethane	NELAP	4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Chloroform	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Chloromethane	NELAP	4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	1720		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Cyclohexanone		42900		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Dibromochloromethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Dibromomethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Dichlorodifluoromethane	NELAP	4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Ethyl acetate	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Ethyl ether	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-001  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A2-W (15)  
**Collection Date:** 7/6/2009 2:39:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Ethylbenzene	NELAP	2140		6240	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Heptane		8580		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Hexachlorobutadiene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Hexachloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Iodomethane	NELAP	4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Isopropylbenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
m,p-Xylenes	NELAP	2140		4150	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Methacrylonitrile	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Methyl Methacrylate	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Methyl tert-butyl ether	NELAP	858		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Methylacrylate		4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Methylene chloride	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Naphthalene	NELAP	4290		59600	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
n-Butylbenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
n-Hexane		8580		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Nitrobenzene	NELAP	42900		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
n-Propylbenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
o-Xylene	NELAP	2140		2830	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Pentachloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
p-Isopropyltoluene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Propionitrile	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
sec-Butylbenzene	NELAP	2140	J	1600	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Styrene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
tert-Butylbenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Tetrachloroethene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Tetrahydrofuran	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Toluene	NELAP	2140	J	660	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	1720		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Trichloroethene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Trichlorofluoromethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Vinyl acetate	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Vinyl chloride	NELAP	858		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		104.0	%REC	250	7/9/2009 11:03:00 AM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		103.0	%REC	250	7/9/2009 11:03:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		99.7	%REC	250	7/9/2009 11:03:00 AM	RWE
Surr: Toluene-d8		80.1-122		101.7	%REC	250	7/9/2009 11:03:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-001  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A2-W (15)  
**Collection Date:** 7/6/2009 2:39:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		<b>0.012</b>	mg/Kg-dry	1	7/8/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.570		<b>&lt; 0.570</b>	mg/Kg-dry	1	7/10/2009 3:43:12 PM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.57	JS	<b>0.23</b>	mg/Kg-dry	1	7/10/2009 3:43:12 PM	RCE

### Sample Narrative

SW-846 9012A (Total)

Matrix spike did not recover within control limits due to matrix interference.

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-002  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (3)  
**Collection Date:** 7/7/2009 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		31.2	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		68.8	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		3.29	mg/Kg-dry	1	7/9/2009 1:44:03 PM	LAL
Barium	NELAP	0.47		66.0	mg/Kg-dry	1	7/9/2009 1:44:03 PM	LAL
Cadmium	NELAP	0.19		0.52	mg/Kg-dry	1	7/9/2009 1:44:03 PM	LAL
Chromium	NELAP	0.94		23.2	mg/Kg-dry	1	7/9/2009 1:44:03 PM	LAL
Lead	NELAP	3.77		16.5	mg/Kg-dry	1	7/9/2009 1:44:03 PM	LAL
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	7/9/2009 1:44:03 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	1.78	mg/Kg-dry	1	7/9/2009 1:59:34 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	2.8		160	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Acenaphthylene	NELAP	2.8		17	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Anthracene	NELAP	2.8		86	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Benzo(a)anthracene	NELAP	2.8		49	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Benzo(a)pyrene	NELAP	2.8		44	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Benzo(b)fluoranthene	NELAP	2.8		39	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	2.8		21	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Benzo(k)fluoranthene	NELAP	2.8		13	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	55		ND	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Chrysene	NELAP	2.8		49	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	2.8		5.5	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Fluoranthene	NELAP	2.8		110	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Fluorene	NELAP	2.8		65	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	2.8		17	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Naphthalene	NELAP	2.8		340	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Phenanthrene	NELAP	2.8		260	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Pyrene	NELAP	2.8		150	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		72.0	%REC	100	7/9/2009 11:59:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		104.0	%REC	100	7/9/2009 11:59:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		84.0	%REC	100	7/9/2009 11:59:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
1,2-Dichlorobenzene	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
1,3-Dichlorobenzene	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
1,4-Dichlorobenzene	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-002  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (3)  
**Collection Date:** 7/7/2009 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2,4-Dichlorophenol	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2,4-Dimethylphenol	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2,4-Dinitrophenol	NELAP	82.5		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2,4-Dinitrotoluene	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2,6-Dinitrotoluene	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2-Chloronaphthalene	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2-Chlorophenol	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2-Methoxy-4-methylphenol		53.6		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2-Methylnaphthalene	NELAP	28.9		207	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2-Nitroaniline	NELAP	82.5		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2-Nitrophenol	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
3-Nitroaniline	NELAP	82.5		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	82.5		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
4-Chloroaniline	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
4-Nitroaniline	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
4-Nitrophenol	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Aniline	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Azobenzene		28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Benzidine	NELAP	87.1		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Benzoic acid	NELAP	124		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Benzyl alcohol	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Butyl benzyl phthalate	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Carbazole		41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Dibenzofuran	NELAP	28.9	J	14	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Diethyl phthalate	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Dimethyl phthalate	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Di-n-butyl phthalate	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Di-n-octyl phthalate	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Hexachlorobenzene	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070337

**Client Sample ID:** P1-A3-W (3)

**Lab ID:** 09070337-002

**Collection Date:** 7/7/2009 8:50:00 AM

**Report Date:** 13-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Hexachloroethane	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Isophorone	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
m,p-Cresol	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Nitrobenzene	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
N-Nitrosodimethylamine	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
o-Cresol	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Pentachlorophenol	NELAP	165		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Phenol	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Pyridine	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
1,2-Diphenylhydrazine		69.3		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		77.2	%REC	10	7/8/2009 11:59:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		92.6	%REC	10	7/8/2009 11:59:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		72.7	%REC	10	7/8/2009 11:59:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		79.7	%REC	10	7/8/2009 11:59:00 PM	DMH
Surr: Phenol-d5		34.9-110		77.2	%REC	10	7/8/2009 11:59:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		79.0	%REC	10	7/8/2009 11:59:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1,1-Trichloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1,2-Trichloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1-Dichloro-2-propanone		977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1-Dichloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1-Dichloroethene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1-Dichloropropene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2,3-Trichloropropane	NELAP	195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2,3-Trimethylbenzene		97700	J	29000	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	97700	J	76000	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2-Dibromoethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2-Dichlorobenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-002  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (3)  
**Collection Date:** 7/7/2009 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2-Dichloropropane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,3-Dichlorobenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,3-Dichloropropane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,4-Dichlorobenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1-Chlorobutane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
2,2-Dichloropropane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
2-Butanone	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
2-Chlorotoluene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
2-Hexanone	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
2-Nitropropane	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
4-Chlorotoluene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
4-Methyl-2-pentanone	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Acetone	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Acrolein	NELAP	1950000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Acrylonitrile	NELAP	195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Allyl chloride	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Benzene	NELAP	19500		154000	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Bromobenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Bromochloromethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Bromodichloromethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Bromoform	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Bromomethane	NELAP	195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Carbon disulfide	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Carbon tetrachloride	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Chlorobenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Chloroethane	NELAP	195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Chloroform	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Chloromethane	NELAP	195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	78200		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Cyclohexanone		1950000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Dibromochloromethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Dibromomethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Dichlorodifluoromethane	NELAP	195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Ethyl acetate	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Ethyl ether	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-002  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (3)  
**Collection Date:** 7/7/2009 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Ethyl methacrylate	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Ethylbenzene	NELAP	97700	J	72000	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Heptane		391000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Hexachlorobutadiene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Hexachloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Iodomethane	NELAP	195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Isopropylbenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
m,p-Xylenes	NELAP	97700	J	50000	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Methacrylonitrile	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Methyl Methacrylate	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Methyl tert-butyl ether	NELAP	39100		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Methylacrylate		195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Methylene chloride	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Naphthalene	NELAP	195000		1450000	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
n-Butylbenzene	NELAP	97700	J	40000	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
n-Hexane		391000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Nitrobenzene	NELAP	1950000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
n-Propylbenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
o-Xylene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Pentachloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
p-Isopropyltoluene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Propionitrile	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
sec-Butylbenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Styrene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
tert-Butylbenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Tetrachloroethene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Tetrahydrofuran	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Toluene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	78200		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Trichloroethene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Trichlorofluoromethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Vinyl acetate	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Vinyl chloride	NELAP	39100		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		101.8	%REC	5000	7/9/2009 4:18:00 AM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		102.3	%REC	5000	7/9/2009 4:18:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		100.4	%REC	5000	7/9/2009 4:18:00 AM	RWE
Surr: Toluene-d8		80.1-122		99.5	%REC	5000	7/9/2009 4:18:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-002  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (3)  
**Collection Date:** 7/7/2009 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.014		<b>0.096</b>	mg/Kg-dry	1	7/8/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.91		<b>8.89</b>	mg/Kg-dry	4	7/13/2009 10:11:57 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	2.91		<b>68.7</b>	mg/Kg-dry	4	7/13/2009 10:11:57 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-003  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (10)  
**Collection Date:** 7/7/2009 8:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst	
<b><u>ASTM D2974</u></b>									
Percent Moisture		0.1		24.9	%	1	7/8/2009 5:00:00 PM	MAB	
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>									
Total Solids		0.1		75.1	%	1	7/8/2009 5:00:00 PM	MAB	
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>									
Arsenic	NELAP	2.36		< 2.36	mg/Kg-dry	1	7/9/2009 1:50:35 PM	LAL	
Barium	NELAP	0.47		110	mg/Kg-dry	1	7/9/2009 1:50:35 PM	LAL	
Cadmium	NELAP	0.19		0.55	mg/Kg-dry	1	7/9/2009 1:50:35 PM	LAL	
Chromium	NELAP	0.94		27.6	mg/Kg-dry	1	7/9/2009 1:50:35 PM	LAL	
Lead	NELAP	3.77		17.6	mg/Kg-dry	1	7/9/2009 1:50:35 PM	LAL	
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	7/9/2009 1:50:35 PM	LAL	
<b><u>SW-846 3050B, METALS BY GFAA</u></b>									
Selenium	7740	NELAP	0.588	J	0.39	mg/Kg-dry	1	7/9/2009 2:02:54 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
Acenaphthene	NELAP	0.45		28	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Acenaphthylene	NELAP	0.45		2.2	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Anthracene	NELAP	0.45		12	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Benzo(a)anthracene	NELAP	0.45		6.4	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Benzo(a)pyrene	NELAP	0.45		5.7	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Benzo(b)fluoranthene	NELAP	0.45		4.6	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Benzo(g,h,i)perylene	NELAP	0.45		2.6	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Benzo(k)fluoranthene	NELAP	0.45		1.6	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Bis(2-ethylhexyl)phthalate	NELAP	8.8		ND	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Chrysene	NELAP	0.45		6.3	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Dibenzo(a,h)anthracene	NELAP	0.45		0.65	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Fluoranthene	NELAP	0.45		15	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Fluorene	NELAP	0.45		13	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Indeno(1,2,3-cd)pyrene	NELAP	0.45		2.0	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Naphthalene	NELAP	0.45		73	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Phenanthrene	NELAP	0.45		40	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Pyrene	NELAP	0.45		20	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Surr: 2-Fluorobiphenyl		10-131		84.0	%REC	100	7/9/2009 12:34:00 PM	MAV	
Surr: Nitrobenzene-d5		10-132		80.0	%REC	100	7/9/2009 12:34:00 PM	MAV	
Surr: p-Terphenyl-d14		30.6-131		96.0	%REC	100	7/9/2009 12:34:00 PM	MAV	
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
1,2,4-Trichlorobenzene	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH	
1,2-Dichlorobenzene	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH	
1,3-Dichlorobenzene	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH	
1,4-Dichlorobenzene	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH	

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-003  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (10)  
**Collection Date:** 7/7/2009 8:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2,4-Dichlorophenol	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2,4-Dimethylphenol	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2,4-Dinitrophenol	NELAP	6.59		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2,4-Dinitrotoluene	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2,6-Dinitrotoluene	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2-Chloronaphthalene	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2-Chlorophenol	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2-Methoxy-4-methylphenol		4.28		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2-Methylnaphthalene	NELAP	2.31		28.4	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2-Nitroaniline	NELAP	6.59		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2-Nitrophenol	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
3-Nitroaniline	NELAP	6.59		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	6.59		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
4-Chloroaniline	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
4-Nitroaniline	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
4-Nitrophenol	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Aniline	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Azobenzene		2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Benzidine	NELAP	6.96		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Benzoic acid	NELAP	9.89		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Benzyl alcohol	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Butyl benzyl phthalate	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Carbazole		3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Dibenzofuran	NELAP	2.31		2.71	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Diethyl phthalate	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Dimethyl phthalate	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Di-n-butyl phthalate	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Di-n-octyl phthalate	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Hexachlorobenzene	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-003  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (10)  
**Collection Date:** 7/7/2009 8:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Hexachloroethane	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Isophorone	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
m,p-Cresol	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Nitrobenzene	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
N-Nitrosodimethylamine	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
o-Cresol	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Pentachlorophenol	NELAP	13.2		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Phenol	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Pyridine	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
1,2-Diphenylhydrazine		5.54		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		97.3	%REC	5	7/9/2009 12:29:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		102.0	%REC	5	7/9/2009 12:29:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		79.0	%REC	5	7/9/2009 12:29:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		88.0	%REC	5	7/9/2009 12:29:00 AM	DMH
Surr: Phenol-d5		34.9-110		82.8	%REC	5	7/9/2009 12:29:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		88.0	%REC	5	7/9/2009 12:29:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1,1-Trichloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1,2-Trichloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1-Dichloro-2-propanone		15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1-Dichloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1-Dichloroethene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1-Dichloropropene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2,3-Trichloropropane	NELAP	3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2,3-Trimethylbenzene		1540	J	350	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	1540	J	850	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2-Dibromoethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2-Dichlorobenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-003  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (10)  
**Collection Date:** 7/7/2009 8:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2-Dichloropropane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,3-Dichlorobenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,3-Dichloropropane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,4-Dichlorobenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1-Chlorobutane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
2,2-Dichloropropane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
2-Butanone	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
2-Chlorotoluene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
2-Hexanone	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
2-Nitropropane	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
4-Chlorotoluene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
4-Methyl-2-pentanone	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Acetone	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Acrolein	NELAP	30800		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Acrylonitrile	NELAP	3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Allyl chloride	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Benzene	NELAP	308		860	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Bromobenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Bromochloromethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Bromodichloromethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Bromoform	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Bromomethane	NELAP	3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Carbon disulfide	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Carbon tetrachloride	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Chlorobenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Chloroethane	NELAP	3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Chloroform	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Chloromethane	NELAP	3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	1230		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Cyclohexanone		30800		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Dibromochloromethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Dibromomethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Dichlorodifluoromethane	NELAP	3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Ethyl acetate	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Ethyl ether	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070337

**Client Sample ID:** P1-A3-W (10)

**Lab ID:** 09070337-003

**Collection Date:** 7/7/2009 8:59:00 AM

**Report Date:** 13-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Ethyl methacrylate	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Ethylbenzene	NELAP	1540		1830	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Heptane		6170		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Hexachlorobutadiene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Hexachloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Iodomethane	NELAP	3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Isopropylbenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
m,p-Xylenes	NELAP	1540	J	420	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Methacrylonitrile	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Methyl Methacrylate	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Methyl tert-butyl ether	NELAP	617		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Methylacrylate		3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Methylene chloride	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Naphthalene	NELAP	3080		21100	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
n-Butylbenzene	NELAP	1540	J	540	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
n-Hexane		6170		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Nitrobenzene	NELAP	30800		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
n-Propylbenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
o-Xylene	NELAP	1540	J	530	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Pentachloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
p-Isopropyltoluene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Propionitrile	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
sec-Butylbenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Styrene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
tert-Butylbenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Tetrachloroethene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Tetrahydrofuran	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Toluene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	1230		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Trichloroethene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Trichlorofluoromethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Vinyl acetate	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Vinyl chloride	NELAP	617		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		101.6	%REC	125	7/9/2009 11:30:00 AM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		99.9	%REC	125	7/9/2009 11:30:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		100	%REC	125	7/9/2009 11:30:00 AM	RWE
Surr: Toluene-d8		80.1-122		99.2	%REC	125	7/9/2009 11:30:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-003  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (10)  
**Collection Date:** 7/7/2009 8:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013		<b>0.063</b>	mg/Kg-dry	1	7/8/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.66		<b>Interference</b>	mg/Kg-dry	4	7/13/2009 10:11:57 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.67		<b>10.8</b>	mg/Kg-dry	1	7/10/2009 3:43:12 PM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070337

**Client Sample ID:** P1-A3-W (20)

**Lab ID:** 09070337-004

**Collection Date:** 7/7/2009 9:15:00 AM

**Report Date:** 13-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		11.7	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.3	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.27	J	1.2	mg/Kg-dry	1	7/9/2009 2:10:46 PM	LAL
Barium	NELAP	0.45		102	mg/Kg-dry	1	7/9/2009 2:10:46 PM	LAL
Cadmium	NELAP	0.18		0.55	mg/Kg-dry	1	7/9/2009 2:10:46 PM	LAL
Chromium	NELAP	0.91		18.7	mg/Kg-dry	1	7/9/2009 2:10:46 PM	LAL
Lead	NELAP	3.64		65.0	mg/Kg-dry	1	7/9/2009 2:10:46 PM	LAL
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	7/9/2009 2:10:46 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.577	0.933	mg/Kg-dry	1	7/9/2009 2:06:16 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.97		9.7	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Acenaphthylene	NELAP	0.97		30	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Anthracene	NELAP	0.97		22	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Benzo(a)anthracene	NELAP	0.97		11	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Benzo(a)pyrene	NELAP	0.97		10	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.97		8.0	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.97		4.4	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.97		2.7	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	19		ND	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Chrysene	NELAP	0.97		12	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.97		1.1	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Fluoranthene	NELAP	0.97		24	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Fluorene	NELAP	0.97		24	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.97		3.2	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Naphthalene	NELAP	0.97		170	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Phenanthrene	NELAP	0.97		79	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Pyrene	NELAP	0.97		35	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		70.0	%REC	250	7/9/2009 1:10:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		70.0	%REC	250	7/9/2009 1:10:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		80.0	%REC	250	7/9/2009 1:10:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
1,2-Dichlorobenzene	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
1,3-Dichlorobenzene	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
1,4-Dichlorobenzene	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-004  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (20)  
**Collection Date:** 7/7/2009 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2,4-Dichlorophenol	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2,4-Dimethylphenol	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2,4-Dinitrophenol	NELAP	11.5		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2,4-Dinitrotoluene	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2,6-Dinitrotoluene	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2-Chloronaphthalene	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2-Chlorophenol	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2-Methoxy-4-methylphenol		7.44		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2-Methylnaphthalene	NELAP	10.0		84.8	mg/Kg-dry	25	7/9/2009 11:32:00 AM	DMH
2-Nitroaniline	NELAP	11.5		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2-Nitrophenol	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
3-Nitroaniline	NELAP	11.5		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	11.5		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
4-Chloroaniline	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
4-Nitroaniline	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
4-Nitrophenol	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Aniline	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Azobenzene		4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Benzidine	NELAP	12.1		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Benzoic acid	NELAP	17.2		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Benzyl alcohol	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Butyl benzyl phthalate	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Carbazole		5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Dibenzofuran	NELAP	4.01	J	3.9	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Diethyl phthalate	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Dimethyl phthalate	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Di-n-butyl phthalate	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Di-n-octyl phthalate	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Hexachlorobenzene	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-004  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (20)  
**Collection Date:** 7/7/2009 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Hexachloroethane	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Isophorone	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
m,p-Cresol	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Nitrobenzene	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
N-Nitrosodimethylamine	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
o-Cresol	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Pentachlorophenol	NELAP	22.9		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Phenol	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Pyridine	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
1,2-Diphenylhydrazine		9.62		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		37.1	%REC	10	7/9/2009 1:00:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		87.8	%REC	10	7/9/2009 1:00:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		64.5	%REC	10	7/9/2009 1:00:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		68.7	%REC	10	7/9/2009 1:00:00 AM	DMH
Surr: Phenol-d5		34.9-110		71.9	%REC	10	7/9/2009 1:00:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		71.1	%REC	10	7/9/2009 1:00:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1,1-Trichloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1,2-Trichloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1-Dichloro-2-propanone		67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1-Dichloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1-Dichloroethene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1-Dichloropropene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2,3-Trichloropropane	NELAP	13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2,3-Trimethylbenzene		6720	J	3100	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	6720		9330	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2-Dibromoethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2-Dichlorobenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-004  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (20)  
**Collection Date:** 7/7/2009 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2-Dichloropropane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	6720	J	2800	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,3-Dichlorobenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,3-Dichloropropane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,4-Dichlorobenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1-Chlorobutane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
2,2-Dichloropropane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
2-Butanone	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
2-Chlorotoluene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
2-Hexanone	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
2-Nitropropane	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
4-Chlorotoluene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
4-Methyl-2-pentanone	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Acetone	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Acrolein	NELAP	134000		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Acrylonitrile	NELAP	13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Allyl chloride	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Benzene	NELAP	1340		9720	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Bromobenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Bromochloromethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Bromodichloromethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Bromoform	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Bromomethane	NELAP	13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Carbon disulfide	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Carbon tetrachloride	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Chlorobenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Chloroethane	NELAP	13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Chloroform	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Chloromethane	NELAP	13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	5380		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Cyclohexanone		134000		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Dibromochloromethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Dibromomethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Dichlorodifluoromethane	NELAP	13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Ethyl acetate	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Ethyl ether	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-004  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (20)  
**Collection Date:** 7/7/2009 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Ethylbenzene	NELAP	6720	J	5100	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Heptane		26900		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Hexachlorobutadiene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Hexachloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Iodomethane	NELAP	13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Isopropylbenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
m,p-Xylenes	NELAP	6720		18000	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Methacrylonitrile	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Methyl Methacrylate	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Methyl tert-butyl ether	NELAP	2690		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Methylacrylate		13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Methylene chloride	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Naphthalene	NELAP	13400		205000	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
n-Butylbenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
n-Hexane		26900		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Nitrobenzene	NELAP	134000		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
n-Propylbenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
o-Xylene	NELAP	6720		8010	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Pentachloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
p-Isopropyltoluene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Propionitrile	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
sec-Butylbenzene	NELAP	6720	J	6700	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Styrene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
tert-Butylbenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Tetrachloroethene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Tetrahydrofuran	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Toluene	NELAP	6720		14000	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	5380		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Trichloroethene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Trichlorofluoromethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Vinyl acetate	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Vinyl chloride	NELAP	2690		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		100.3	%REC	500	7/9/2009 11:56:00 AM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		98.1	%REC	500	7/9/2009 11:56:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		99.2	%REC	500	7/9/2009 11:56:00 AM	RWE
Surr: Toluene-d8		80.1-122		101.0	%REC	500	7/9/2009 11:56:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-004  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (20)  
**Collection Date:** 7/7/2009 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		<b>0.011</b>	mg/Kg-dry	1	7/8/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.566		<b>14.2</b>	mg/Kg-dry	1	7/10/2009 3:43:12 PM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	2.26		<b>17.3</b>	mg/Kg-dry	4	7/13/2009 10:11:57 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070337

**Client Sample ID:** P1-A4-W (3)

**Lab ID:** 09070337-005

**Collection Date:** 7/7/2009 1:44:00 PM

**Report Date:** 13-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		28.2	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		71.8	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36	J	1.3	mg/Kg-dry	1	7/9/2009 2:17:18 PM	LAL
Barium	NELAP	0.47		92.5	mg/Kg-dry	1	7/9/2009 2:17:18 PM	LAL
Cadmium	NELAP	0.19		0.83	mg/Kg-dry	1	7/9/2009 2:17:18 PM	LAL
Chromium	NELAP	0.94		19.9	mg/Kg-dry	1	7/9/2009 2:17:18 PM	LAL
Lead	NELAP	3.77		19.8	mg/Kg-dry	1	7/9/2009 2:17:18 PM	LAL
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	7/9/2009 2:17:18 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	3.78	mg/Kg-dry	1	7/9/2009 2:09:38 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.0047		0.31	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Acenaphthylene	NELAP	0.0047		0.12	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Anthracene	NELAP	0.0047		0.21	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Benzo(a)anthracene	NELAP	0.0047		0.22	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Benzo(a)pyrene	NELAP	0.0047		0.30	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.0047		0.25	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.0047		0.18	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.0047		0.087	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.092		ND	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Chrysene	NELAP	0.0047		0.24	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.0047		0.044	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Fluoranthene	NELAP	0.0047		0.37	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Fluorene	NELAP	0.0047		0.16	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.0047		0.14	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Naphthalene	NELAP	0.0047		0.38	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Phenanthrene	NELAP	0.0047		0.48	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Pyrene	NELAP	0.0047		0.49	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		60.2	%REC	1	7/9/2009 1:45:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		73.8	%REC	1	7/9/2009 1:45:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		88.0	%REC	1	7/9/2009 1:45:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-005  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (3)  
**Collection Date:** 7/7/2009 1:44:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.37		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2-Chloronaphthalene	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2-Chlorophenol	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2-Methoxy-4-methylphenol		0.891		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2-Methylnaphthalene	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2-Nitroaniline	NELAP	1.37		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2-Nitrophenol	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
3-Nitroaniline	NELAP	1.37		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.37		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
4-Chloroaniline	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
4-Nitroaniline	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
4-Nitrophenol	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Aniline	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Azobenzene		0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Benzidine	NELAP	1.45		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Benzoic acid	NELAP	2.06		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Benzyl alcohol	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Carbazole		0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Dibenzofuran	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Diethyl phthalate	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Dimethyl phthalate	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Hexachlorobenzene	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070337

**Client Sample ID:** P1-A4-W (3)

**Lab ID:** 09070337-005

**Collection Date:** 7/7/2009 1:44:00 PM

**Report Date:** 13-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Hexachloroethane	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Isophorone	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
m,p-Cresol	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Nitrobenzene	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
o-Cresol	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Pentachlorophenol	NELAP	2.74		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Phenol	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Pyridine	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
1,2-Diphenylhydrazine		1.15		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		85.5	%REC	1	7/9/2009 1:30:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		81.7	%REC	1	7/9/2009 1:30:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		68.7	%REC	1	7/9/2009 1:30:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		68.5	%REC	1	7/9/2009 1:30:00 AM	DMH
Surr: Phenol-d5		34.9-110		75.4	%REC	1	7/9/2009 1:30:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		77.2	%REC	1	7/9/2009 1:30:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1,1-Trichloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1,2-Trichloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1-Dichloro-2-propanone		1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1-Dichloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1-Dichloroethene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1-Dichloropropene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2,3-Trichloropropane	NELAP	319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2,3-Trimethylbenzene		160	J	140	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	160		203	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2-Dibromoethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2-Dichlorobenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-005  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (3)  
**Collection Date:** 7/7/2009 1:44:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2-Dichloropropane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	160	J	87	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,3-Dichlorobenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,3-Dichloropropane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,4-Dichlorobenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1-Chlorobutane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
2,2-Dichloropropane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
2-Butanone	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
2-Chlorotoluene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
2-Hexanone	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
2-Nitropropane	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
4-Chlorotoluene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
4-Methyl-2-pentanone	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Acetone	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Acrolein	NELAP	3190		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Acrylonitrile	NELAP	319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Allyl chloride	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Benzene	NELAP	31.9		115	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Bromobenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Bromochloromethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Bromodichloromethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Bromoform	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Bromomethane	NELAP	319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Carbon disulfide	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Carbon tetrachloride	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Chlorobenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Chloroethane	NELAP	319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Chloroform	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Chloromethane	NELAP	319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	128		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Cyclohexanone		3190		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Dibromochloromethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Dibromomethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Dichlorodifluoromethane	NELAP	319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Ethyl acetate	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Ethyl ether	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070337

**Client Sample ID:** P1-A4-W (3)

**Lab ID:** 09070337-005

**Collection Date:** 7/7/2009 1:44:00 PM

**Report Date:** 13-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Ethyl methacrylate	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Ethylbenzene	NELAP	160		207	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Heptane		639		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Hexachlorobutadiene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Hexachloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Iodomethane	NELAP	319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Isopropylbenzene	NELAP	160	J	99	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
m,p-Xylenes	NELAP	160		194	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Methacrylonitrile	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Methyl Methacrylate	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Methyl tert-butyl ether	NELAP	63.9		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Methylacrylate		319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Methylene chloride	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Naphthalene	NELAP	1280		12600	µg/Kg-dry	50	7/9/2009 10:05:00 AM	RWE
n-Butylbenzene	NELAP	160		197	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
n-Hexane		639		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Nitrobenzene	NELAP	3190		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
n-Propylbenzene	NELAP	160	J	90	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
o-Xylene	NELAP	160	J	120	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Pentachloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
p-Isopropyltoluene	NELAP	160	J	57	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Propionitrile	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
sec-Butylbenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Styrene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
tert-Butylbenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Tetrachloroethene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Tetrahydrofuran	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Toluene	NELAP	160	J	47	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	128		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Trichloroethene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Trichlorofluoromethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Vinyl acetate	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Vinyl chloride	NELAP	63.9		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		111.2	%REC	12.5	7/9/2009 2:58:00 AM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		105.0	%REC	12.5	7/9/2009 2:58:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		109.4	%REC	12.5	7/9/2009 2:58:00 AM	RWE
Surr: Toluene-d8		80.1-122		91.9	%REC	12.5	7/9/2009 2:58:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-005  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (3)  
**Collection Date:** 7/7/2009 1:44:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013		<b>0.048</b>	mg/Kg-dry	1	7/8/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.696		<b>Interference</b>	mg/Kg-dry	1	7/10/2009 3:43:12 PM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.70		<b>4.14</b>	mg/Kg-dry	1	7/10/2009 3:43:12 PM	RCE

### Sample Narrative

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-006  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (8)  
**Collection Date:** 7/7/2009 1:55:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		26.8	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		73.2	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		5.05	mg/Kg-dry	1	7/9/2009 2:24:05 PM	LAL
Barium	NELAP	0.48		15.3	mg/Kg-dry	1	7/9/2009 2:24:05 PM	LAL
Cadmium	NELAP	0.19		0.28	mg/Kg-dry	1	7/9/2009 2:24:05 PM	LAL
Chromium	NELAP	0.96		16.2	mg/Kg-dry	1	7/9/2009 2:24:05 PM	LAL
Lead	NELAP	3.85		11.0	mg/Kg-dry	1	7/9/2009 2:24:05 PM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/9/2009 2:24:05 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.556	< 0.556	mg/Kg-dry	1	7/9/2009 2:13:02 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.46		37	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Acenaphthylene	NELAP	0.46		3.7	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Anthracene	NELAP	0.46		17	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Benzo(a)anthracene	NELAP	0.46		8.2	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Benzo(a)pyrene	NELAP	0.46		8.4	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.46		6.3	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.46		3.6	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.46		2.1	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	9.1		ND	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Chrysene	NELAP	0.46		8.5	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.46		0.92	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Fluoranthene	NELAP	0.46		19	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Fluorene	NELAP	0.46		14	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.46		2.8	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Naphthalene	NELAP	0.46		65	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Phenanthrene	NELAP	0.46		54	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Pyrene	NELAP	0.46		27	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		72.0	%REC	100	7/9/2009 2:20:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		64.0	%REC	100	7/9/2009 2:20:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		88.0	%REC	100	7/9/2009 2:20:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
1,2-Dichlorobenzene	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
1,3-Dichlorobenzene	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
1,4-Dichlorobenzene	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-006  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (8)  
**Collection Date:** 7/7/2009 1:55:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2,4-Dichlorophenol	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2,4-Dimethylphenol	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2,4-Dinitrophenol	NELAP	13.6		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2,4-Dinitrotoluene	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2,6-Dinitrotoluene	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2-Chloronaphthalene	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2-Chlorophenol	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2-Methoxy-4-methylphenol		8.86		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2-Methylnaphthalene	NELAP	4.77		44.5	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2-Nitroaniline	NELAP	13.6		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2-Nitrophenol	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
3-Nitroaniline	NELAP	13.6		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	13.6		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
4-Chloroaniline	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
4-Nitroaniline	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
4-Nitrophenol	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Aniline	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Azobenzene		4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Benzidine	NELAP	14.4		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Benzoic acid	NELAP	20.4		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Benzyl alcohol	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Butyl benzyl phthalate	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Carbazole		6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Dibenzofuran	NELAP	4.77	J	3.1	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Diethyl phthalate	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Dimethyl phthalate	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Di-n-butyl phthalate	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Di-n-octyl phthalate	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Hexachlorobenzene	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 09070337

**Lab ID:** 09070337-006

**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C

**Client Sample ID:** P1-A4-W (8)

**Collection Date:** 7/7/2009 1:55:00 PM

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Hexachloroethane	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Isophorone	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
m,p-Cresol	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Nitrobenzene	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
N-Nitrosodimethylamine	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
o-Cresol	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Pentachlorophenol	NELAP	27.3		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Phenol	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Pyridine	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
1,2-Diphenylhydrazine		11.4		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		62.9	%REC	10	7/9/2009 2:01:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		106.6	%REC	10	7/9/2009 2:01:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		80.4	%REC	10	7/9/2009 2:01:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		87.0	%REC	10	7/9/2009 2:01:00 AM	DMH
Surr: Phenol-d5		34.9-110		89.0	%REC	10	7/9/2009 2:01:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		85.0	%REC	10	7/9/2009 2:01:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1,1-Trichloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1,2-Trichloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1-Dichloro-2-propanone		13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1-Dichloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1-Dichloroethene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1-Dichloropropene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2,3-Trichloropropane	NELAP	2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2,3-Trimethylbenzene		1350	J	470	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	1350	J	1300	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2-Dibromoethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2-Dichlorobenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-006  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (8)  
**Collection Date:** 7/7/2009 1:55:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2-Dichloropropane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	1350	J	330	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,3-Dichlorobenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,3-Dichloropropane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,4-Dichlorobenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1-Chlorobutane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
2,2-Dichloropropane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
2-Butanone	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
2-Chlorotoluene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
2-Hexanone	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
2-Nitropropane	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
4-Chlorotoluene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
4-Methyl-2-pentanone	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Acetone	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Acrolein	NELAP	27000		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Acrylonitrile	NELAP	2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Allyl chloride	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Benzene	NELAP	270		1890	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Bromobenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Bromochloromethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Bromodichloromethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Bromoform	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Bromomethane	NELAP	2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Carbon disulfide	NELAP	1350	J	1200	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Carbon tetrachloride	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Chlorobenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Chloroethane	NELAP	2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Chloroform	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Chloromethane	NELAP	2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	1080		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Cyclohexanone		27000		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Dibromochloromethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Dibromomethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Dichlorodifluoromethane	NELAP	2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Ethyl acetate	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Ethyl ether	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-006  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (8)  
**Collection Date:** 7/7/2009 1:55:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Ethyl methacrylate	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Ethylbenzene	NELAP	1350		3830	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Heptane		5410		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Hexachlorobutadiene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Hexachloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Iodomethane	NELAP	2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Isopropylbenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
m,p-Xylenes	NELAP	1350		1570	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Methacrylonitrile	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Methyl Methacrylate	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Methyl tert-butyl ether	NELAP	541		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Methylacrylate		2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Methylene chloride	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Naphthalene	NELAP	2700		50900	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
n-Butylbenzene	NELAP	1350	J	620	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
n-Hexane		5410		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Nitrobenzene	NELAP	27000		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
n-Propylbenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
o-Xylene	NELAP	1350	J	1000	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Pentachloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
p-Isopropyltoluene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Propionitrile	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
sec-Butylbenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Styrene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
tert-Butylbenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Tetrachloroethene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Tetrahydrofuran	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Toluene	NELAP	1350	J	410	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	1080		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Trichloroethene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Trichlorofluoromethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Vinyl acetate	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Vinyl chloride	NELAP	541		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		92.6	%REC	125	7/9/2009 2:24:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		99.2	%REC	125	7/9/2009 2:24:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		96.8	%REC	125	7/9/2009 2:24:00 PM	JSA
Surr: Toluene-d8		80.1-122		100.7	%REC	125	7/9/2009 2:24:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-006  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (8)  
**Collection Date:** 7/7/2009 1:55:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013		<b>0.059</b>	mg/Kg-dry	1	7/8/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.73		<b>Interference</b>	mg/Kg-dry	4	7/13/2009 10:11:57 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	2.73		<b>15.4</b>	mg/Kg-dry	4	7/13/2009 10:11:57 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070337

**Client Sample ID:** P1-A4-W (20)

**Lab ID:** 09070337-007

**Collection Date:** 7/7/2009 2:05:00 PM

**Report Date:** 13-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		10.8	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.2	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		6.59	mg/Kg-dry	1	7/9/2009 2:30:45 PM	LAL
Barium	NELAP	0.48		137	mg/Kg-dry	1	7/9/2009 2:30:45 PM	LAL
Cadmium	NELAP	0.19		0.60	mg/Kg-dry	1	7/9/2009 2:30:45 PM	LAL
Chromium	NELAP	0.96		15.0	mg/Kg-dry	1	7/9/2009 2:30:45 PM	LAL
Lead	NELAP	3.85		37.3	mg/Kg-dry	1	7/9/2009 2:30:45 PM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/9/2009 2:30:45 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.566	< 0.566	mg/Kg-dry	1	7/9/2009 2:16:24 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.96		23	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Acenaphthylene	NELAP	0.96		26	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Anthracene	NELAP	0.96		24	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Benzo(a)anthracene	NELAP	0.96		13	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Benzo(a)pyrene	NELAP	0.96		13	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.96		9.9	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.96		5.7	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.96		3.2	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	19		ND	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Chrysene	NELAP	0.96		14	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.96		1.4	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Fluoranthene	NELAP	0.96		27	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Fluorene	NELAP	0.96		33	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.96		4.3	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Naphthalene	NELAP	0.96		160	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Phenanthrene	NELAP	0.96		81	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Pyrene	NELAP	0.96		39	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		80.0	%REC	250	7/9/2009 2:56:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		60.0	%REC	250	7/9/2009 2:56:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		80.0	%REC	250	7/9/2009 2:56:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
1,2-Dichlorobenzene	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
1,3-Dichlorobenzene	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
1,4-Dichlorobenzene	NELAP	5.67	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-007  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (20)  
**Collection Date:** 7/7/2009 2:05:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2,4-Dichlorophenol	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2,4-Dimethylphenol	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2,4-Dinitrophenol	NELAP	11.3	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2,4-Dinitrotoluene	NELAP	3.97	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2,6-Dinitrotoluene	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2-Chloronaphthalene	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2-Chlorophenol	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2-Methoxy-4-methylphenol		7.37		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2-Methylnaphthalene	NELAP	9.92		81.3	mg/Kg-dry	25	7/9/2009 12:03:00 PM	DMH
2-Nitroaniline	NELAP	11.3		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2-Nitrophenol	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
3-Nitroaniline	NELAP	11.3		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	11.3		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
4-Chloroaniline	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
4-Nitroaniline	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
4-Nitrophenol	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Aniline	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Azobenzene		3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Benzidine	NELAP	12.0		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Benzoic acid	NELAP	17.0		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Benzyl alcohol	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Butyl benzyl phthalate	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Carbazole		5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Dibenzofuran	NELAP	3.97		4.35	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Diethyl phthalate	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Dimethyl phthalate	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Di-n-butyl phthalate	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Di-n-octyl phthalate	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Hexachlorobenzene	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-007  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (20)  
**Collection Date:** 7/7/2009 2:05:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Hexachloroethane	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Isophorone	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
m,p-Cresol	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Nitrobenzene	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
N-Nitrosodimethylamine	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
o-Cresol	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Pentachlorophenol	NELAP	22.7	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Phenol	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Pyridine	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
1,2-Diphenylhydrazine		9.52		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		44.9	%REC	10	7/9/2009 2:31:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		91.0	%REC	10	7/9/2009 2:31:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		73.5	%REC	10	7/9/2009 2:31:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		73.9	%REC	10	7/9/2009 2:31:00 AM	DMH
Surr: Phenol-d5		34.9-110		78.2	%REC	10	7/9/2009 2:31:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		76.2	%REC	10	7/9/2009 2:31:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1,1-Trichloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1,2-Trichloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1-Dichloro-2-propanone		23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1-Dichloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1-Dichloroethene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1-Dichloropropene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2,3-Trichloropropane	NELAP	4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2,3-Trimethylbenzene		2380	J	1200	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	2380		3430	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2-Dibromoethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2-Dichlorobenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070337

**Client Sample ID:** P1-A4-W (20)

**Lab ID:** 09070337-007

**Collection Date:** 7/7/2009 2:05:00 PM

**Report Date:** 13-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2-Dichloropropane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	2380	J	960	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,3-Dichlorobenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,3-Dichloropropane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,4-Dichlorobenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1-Chlorobutane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
2,2-Dichloropropane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
2-Butanone	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
2-Chlorotoluene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
2-Hexanone	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
2-Nitropropane	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
4-Chlorotoluene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
4-Methyl-2-pentanone	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Acetone	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Acrolein	NELAP	47600		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Acrylonitrile	NELAP	4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Allyl chloride	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Benzene	NELAP	476		8260	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Bromobenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Bromochloromethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Bromodichloromethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Bromoform	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Bromomethane	NELAP	4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Carbon disulfide	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Carbon tetrachloride	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Chlorobenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Chloroethane	NELAP	4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Chloroform	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Chloromethane	NELAP	4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	1900		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Cyclohexanone		47600		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Dibromochloromethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Dibromomethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Dichlorodifluoromethane	NELAP	4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Ethyl acetate	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Ethyl ether	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-007  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (20)  
**Collection Date:** 7/7/2009 2:05:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Ethylbenzene	NELAP	2380		2930	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Heptane		9520		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Hexachlorobutadiene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Hexachloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Iodomethane	NELAP	4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Isopropylbenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
m,p-Xylenes	NELAP	2380		5470	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Methacrylonitrile	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Methyl Methacrylate	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Methyl tert-butyl ether	NELAP	952		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Methylacrylate		4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Methylene chloride	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Naphthalene	NELAP	4760		101000	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
n-Butylbenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
n-Hexane		9520		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Nitrobenzene	NELAP	47600		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
n-Propylbenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
o-Xylene	NELAP	2380		2800	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Pentachloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
p-Isopropyltoluene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Propionitrile	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
sec-Butylbenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Styrene	NELAP	2380	J	1700	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
tert-Butylbenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Tetrachloroethene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Tetrahydrofuran	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Toluene	NELAP	2380		6360	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	1900		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Trichloroethene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Trichlorofluoromethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Vinyl acetate	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Vinyl chloride	NELAP	952		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		93.4	%REC	250	7/9/2009 2:50:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		93.5	%REC	250	7/9/2009 2:50:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		96.8	%REC	250	7/9/2009 2:50:00 PM	JSA
Surr: Toluene-d8		80.1-122		101.3	%REC	250	7/9/2009 2:50:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-007  
**Report Date:** 13-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (20)  
**Collection Date:** 7/7/2009 2:05:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.009</b>	mg/Kg-dry	1	7/8/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.560		<b>1.46</b>	mg/Kg-dry	1	7/10/2009 3:43:12 PM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.56		<b>1.77</b>	mg/Kg-dry	1	7/10/2009 3:43:12 PM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070337

**Report Date:** 13-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070337-001A	P1-A2-W (15)	7/6/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 3:56:51 PM	7/9/2009 10:15:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/8/2009 11:28:00 PM
09070337-001B				SW-846 3050B, 6010B, Metals by ICP	7/9/2009 7:09:25 AM	7/9/2009 1:37:24 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 1:42:40 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 2:37:34 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 2:54:36 PM
				SW-846 7471A	7/8/2009 4:30:00 PM	7/8/2009
09070337-001C				ASTM D2974		7/8/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/8/2009 5:00:00 PM
				SW-846 9012A		7/10/2009 3:43:12 PM
				SW-846 9012A (Total)		7/10/2009 3:43:12 PM
09070337-001F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/8/2009 3:24:01 PM	7/9/2009 11:03:00 AM
09070337-002A	P1-A3-W (3)	7/7/2009		SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 3:56:52 PM	7/9/2009 11:59:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/8/2009 11:59:00 PM
09070337-002B				SW-846 3050B, 6010B, Metals by ICP	7/9/2009 7:09:25 AM	7/9/2009 1:44:03 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 1:59:34 PM
				SW-846 7471A	7/8/2009 4:30:00 PM	7/8/2009
09070337-002C				ASTM D2974		7/8/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/8/2009 5:00:00 PM
				SW-846 9012A		7/13/2009 10:11:57 AM
				SW-846 9012A (Total)		7/13/2009 10:11:57 AM
09070337-002F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/8/2009 3:24:01 PM	7/9/2009 4:18:00 AM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070337

**Report Date:** 13-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070337-003A	P1-A3-W (10)	7/7/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 3:56:52 PM	7/9/2009 12:34:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/9/2009 12:29:00 AM
09070337-003B				SW-846 3050B, 6010B, Metals by ICP	7/9/2009 7:09:25 AM	7/9/2009 1:50:35 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 2:02:54 PM
				SW-846 7471A	7/8/2009 4:30:00 PM	7/8/2009
09070337-003C				ASTM D2974		7/8/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/8/2009 5:00:00 PM
				SW-846 9012A		7/13/2009 10:11:57 AM
				SW-846 9012A (Total)		7/10/2009 3:43:12 PM
09070337-003F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/8/2009 3:24:01 PM	7/9/2009 11:30:00 AM
09070337-004A	P1-A3-W (20)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 3:56:52 PM	7/9/2009 1:10:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/9/2009 1:00:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/9/2009 11:32:00 AM
09070337-004B				SW-846 3050B, 6010B, Metals by ICP	7/9/2009 7:09:25 AM	7/9/2009 2:10:46 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 2:06:16 PM
				SW-846 7471A	7/8/2009 4:30:00 PM	7/8/2009
09070337-004C				ASTM D2974		7/8/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/8/2009 5:00:00 PM
				SW-846 9012A		7/10/2009 3:43:12 PM
				SW-846 9012A (Total)		7/13/2009 10:11:57 AM
09070337-004F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/8/2009 3:24:01 PM	7/9/2009 11:56:00 AM
09070337-005A	P1-A4-W (3)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 3:56:52 PM	7/9/2009 1:45:00 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070337

**Report Date:** 13-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070337-005A	P1-A4-W (3)	7/7/2009	Solid	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/9/2009 1:30:00 AM
09070337-005B				SW-846 3050B, 6010B, Metals by ICP	7/9/2009 7:09:25 AM	7/9/2009 2:17:18 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 2:09:38 PM
				SW-846 7471A	7/8/2009 4:30:00 PM	7/8/2009
09070337-005C				ASTM D2974		7/8/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/8/2009 5:00:00 PM
				SW-846 9012A		7/10/2009 3:43:12 PM
				SW-846 9012A (Total)		7/10/2009 3:43:12 PM
09070337-005F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/8/2009 3:24:01 PM	7/9/2009 2:58:00 AM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/8/2009 3:24:01 PM	7/9/2009 10:05:00 AM
09070337-006A	P1-A4-W (8)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 3:56:52 PM	7/9/2009 2:20:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/9/2009 2:01:00 AM
09070337-006B				SW-846 3050B, 6010B, Metals by ICP	7/9/2009 7:09:25 AM	7/9/2009 2:24:05 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 2:13:02 PM
				SW-846 7471A	7/8/2009 4:30:00 PM	7/8/2009
09070337-006C				ASTM D2974		7/8/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/8/2009 5:00:00 PM
				SW-846 9012A		7/13/2009 10:11:57 AM
				SW-846 9012A (Total)		7/13/2009 10:11:57 AM
09070337-006F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/9/2009 11:52:16 AM	7/9/2009 2:24:00 PM
09070337-007A	P1-A4-W (20)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 3:56:52 PM	7/9/2009 2:56:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/9/2009 2:31:00 AM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070337

**Report Date:** 13-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070337-007A	P1-A4-W (20)	7/7/2009	Solid	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/9/2009 12:03:00 PM
09070337-007B				SW-846 3050B, 6010B, Metals by ICP	7/9/2009 7:09:26 AM	7/9/2009 2:30:45 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 2:16:24 PM
				SW-846 7471A	7/8/2009 4:30:00 PM	7/8/2009
09070337-007C				ASTM D2974		7/8/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/8/2009 5:00:00 PM
				SW-846 9012A		7/10/2009 3:43:12 PM
				SW-846 9012A (Total)		7/10/2009 3:43:12 PM
09070337-007F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/9/2009 11:52:16 AM	7/9/2009 2:50:00 PM

**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- 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.
- 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. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- 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. (NELAC) The acceptable recovery range is listed in this report.
- LCS D** 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 this report.
- 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 this report.
- 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 this report.
- MDL** Method detection limit or limit of detection (LOD) 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.
- MB/LCB** Method blank or lab control 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 are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) 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 this report.
- 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 this report.
- 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. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

**Qualifiers**

<b>DF</b> - Dilution Factor	<b>B</b> - Analyte detected in the associated Method Blank	<b>C</b> - Client requested RL below PQL	<b>MI</b> - Matrix interference
<b>RL</b> - Reporting Limit	<b>J</b> - Analyte detected below reporting limits	<b>D</b> - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	<b>R</b> - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	<b>S</b> - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count ( > 200 CFU )	<b>X</b> - Value exceeds Maximum Contaminant Level	<b>#</b> - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **M2540 G**

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>LCS-R124374</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>124374</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124374</b>		Analysis Date: <b>7/8/2009</b>	SeqNo: <b>2329159</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	1.0	0.1	1.000	0	100	90	110				
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Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>124374</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124374</b>		Analysis Date: <b>7/8/2009</b>	SeqNo: <b>2329160</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	1.0	0.1	1.000	0	100	90	110				
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Sample ID: <b>09070337-002CDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>124374</b>							
Client ID: <b>P1-A3-W (3)DUP</b>	Batch ID: <b>R124374</b>		Analysis Date: <b>7/8/2009</b>	SeqNo: <b>2329170</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	69.8	0.1						68.77	1.41	15	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW6010B

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>MB-54078</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/9/2009</b>	RunNo: <b>124377</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54078</b>	<b>SOP 3032</b>				Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329572</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Barium	< 0.50	0.50	0.5000	0	0	-100	100				
Cadmium	< 0.20	0.20	0.2000	0	0	-100	100				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Sample ID: <b>LCS-54078</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/9/2009</b>	RunNo: <b>124377</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54078</b>	<b>SOP 3032</b>				Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329573</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	218	2.50	200.0	0	108.9	85	115				
Barium	212	0.50	200.0	0	106.0	85	115				
Cadmium	5.48	0.20	5.000	0	109.6	85	115				
Chromium	21.8	1.00	20.00	0	108.8	85	115				
Lead	54.9	4.00	50.00	0	109.9	85	115				
Silver	5.22	0.55	5.000	0	104.4	85	115				

Sample ID: <b>09070337-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/9/2009</b>	RunNo: <b>124377</b>				
Client ID: <b>P1-A3-W (10)MS</b>	Batch ID: <b>54078</b>	<b>SOP 3032</b>				Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329675</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	157	2.36	188.7	0	83.4	75	125				
Barium	284	0.47	188.7	110.2	92.2	75	125				
Cadmium	5.18	0.19	4.717	0.5472	98.2	75	125				
Chromium	47.4	0.94	18.87	27.58	105.0	75	125				
Lead	64.3	3.77	47.17	17.63	98.9	75	125				
Silver	4.75	0.52	4.717	0	100.6	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW6010B

Lab Order: 09070337

Report Date: 13-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	156	2.36	188.7	0	82.8	75	125	157.4	0.782	20	
Barium	280	0.47	188.7	110.2	90.0	75	125	284.2	1.47	20	
Cadmium	5.16	0.19	4.717	0.5472	97.8	75	125	5.179	0.365	20	
Chromium	45.9	0.94	18.87	27.58	97.0	75	125	47.39	3.26	20	
Lead	63.5	3.77	47.17	17.63	97.3	75	125	64.28	1.15	20	
Silver	4.61	0.52	4.717	0	97.8	75	125	4.745	2.82	20	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW7000 G

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>MB-54077</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/9/2009</b>	RunNo: <b>124394</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54077</b>	<b>SOP 3042</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329858</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	< 0.600	0.600	0.6000	0	0	-100	100			
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Sample ID: <b>LCS-54077</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/9/2009</b>	RunNo: <b>124394</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54077</b>	<b>SOP 3042</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329859</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.65	0.600	3.000	0	88.4	80	120			
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Sample ID: <b>09070337-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/9/2009</b>	RunNo: <b>124394</b>							
Client ID: <b>P1-A2-W (15)MS</b>	Batch ID: <b>54077</b>	<b>SOP 3042</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329876</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	3.16	1.18	2.941	0.7333	82.7	70	130			
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Sample ID: <b>09070337-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/9/2009</b>	RunNo: <b>124394</b>							
Client ID: <b>P1-A2-W (15)MSD</b>	Batch ID: <b>54077</b>	<b>SOP 3042</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329879</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	3.06	1.18	2.941	0.7333	79.1	70	130	3.165	3.35	20
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW7471 A

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>MB-54068</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/8/2009</b>	RunNo: <b>124360</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54068</b>	<b>SOP 3063</b>	Analysis Date: <b>7/8/2009</b>	SeqNo: <b>2328628</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	< 0.010	0.010	0.01000	0	0	-100	100				
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Sample ID: <b>LCS-54068</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/8/2009</b>	RunNo: <b>124360</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54068</b>	<b>SOP 3063</b>	Analysis Date: <b>7/8/2009</b>	SeqNo: <b>2328629</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.252	0.010	0.2500	0	101.0	85	115				
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Sample ID: <b>09070337-004BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/8/2009</b>	RunNo: <b>124360</b>							
Client ID: <b>P1-A3-W (20)MS</b>	Batch ID: <b>54068</b>	<b>SOP 3063</b>	Analysis Date: <b>7/8/2009</b>	SeqNo: <b>2328669</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.318	0.011	0.2696	0.01078	114.0	75	125				
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Sample ID: <b>09070337-004BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/8/2009</b>	RunNo: <b>124360</b>							
Client ID: <b>P1-A3-W (20)MSD</b>	Batch ID: <b>54068</b>	<b>SOP 3063</b>	Analysis Date: <b>7/8/2009</b>	SeqNo: <b>2328670</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.335	0.011	0.2696	0.01078	120.2	75	125	0.3181	5.12	15	
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Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>LCS1-G090709-1</b>		SampType: <b>LCS1</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/9/2009</b>		RunNo: <b>124408</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>54097</b>		<b>SW5035</b>		Analysis Date: <b>7/9/2009</b>		SeqNo: <b>2329777</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	23.9	1.00	26.40	0	90.4	70	130				
Ethylbenzene	36.8	5.00	40.40	0	91.1	70	130				
m,p-Xylenes	155	5.00	166.0	0	93.4	70	130				
Methyl tert-butyl ether	32.2	2.00	36.80	0	87.6	70	130				
o-Xylene	58.4	5.00	65.60	0	89.0	70	130				
Toluene	175	5.00	193.6	0	90.5	70	130				
Surr: 1,2-Dichloroethane-d4	44.0		50.00		88.1	61	128				
Surr: 4-Bromofluorobenzene	48.4		50.00		96.8	78.2	117				
Surr: Dibromofluoromethane	46.3		50.00		92.6	66.6	130				
Surr: Toluene-d8	49.3		50.00		98.6	80.1	122				

Sample ID: <b>LCS1D-G090709-1</b>		SampType: <b>LCS1D</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/9/2009</b>		RunNo: <b>124408</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>54097</b>		<b>SW5035</b>		Analysis Date: <b>7/9/2009</b>		SeqNo: <b>2329778</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	23.3	1.00	26.40	0	88.4	70	130	23.87	2.29	20	
Ethylbenzene	36.0	5.00	40.40	0	89.2	70	130	36.82	2.11	20	
m,p-Xylenes	147	5.00	166.0	0	88.5	70	130	155.1	5.41	20	
Methyl tert-butyl ether	32.7	2.00	36.80	0	89.0	70	130	32.24	1.54	20	
o-Xylene	55.2	5.00	65.60	0	84.2	70	130	58.37	5.49	20	
Toluene	174	5.00	193.6	0	90.0	70	130	175.2	0.527	20	
Surr: 1,2-Dichloroethane-d4	44.0		50.00		88.0	61	128		0	0	
Surr: 4-Bromofluorobenzene	46.9		50.00		93.8	78.2	117		0	0	
Surr: Dibromofluoromethane	46.5		50.00		92.9	66.6	130		0	0	
Surr: Toluene-d8	50.3		50.00		100.6	80.1	122		0	0	

Sample ID: <b>MBLK-G090709-1</b>		SampType: <b>MBLK</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/9/2009</b>		RunNo: <b>124408</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>54097</b>		<b>SW5035</b>		Analysis Date: <b>7/9/2009</b>		SeqNo: <b>2329779</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>MBLK-G090709-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/9/2009</b>	RunNo: <b>124408</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54097</b>	<b>SW5035</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329779</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.00									
1,1,1-Trichloroethane	ND	5.00									
1,1,2,2-Tetrachloroethane	ND	5.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.00									
1,1,2-Trichloroethane	ND	5.00									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.00									
1,1-Dichloroethene	ND	5.00									
1,1-Dichloropropene	ND	5.00									
1,2,3-Trichlorobenzene	ND	5.00									
1,2,3-Trichloropropane	ND	10.0									
1,2,3-Trimethylbenzene	ND	5.00									
1,2,4-Trichlorobenzene	ND	5.00									
1,2,4-Trimethylbenzene	ND	5.00									
1,2-Dibromo-3-chloropropane	ND	5.00									
1,2-Dibromoethane	ND	5.00									
1,2-Dichlorobenzene	ND	5.00									
1,2-Dichloroethane	ND	5.00									
1,2-Dichloropropane	ND	5.00									
1,3,5-Trimethylbenzene	ND	5.00									
1,3-Dichlorobenzene	ND	5.00									
1,3-Dichloropropane	ND	5.00									
1,4-Dichlorobenzene	ND	5.00									
1-Chlorobutane	ND	5.00									
2,2-Dichloropropane	ND	5.00									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.00									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.00									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>MBLK-G090709-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/9/2009</b>	RunNo: <b>124408</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54097</b>	<b>SW5035</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329779</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10.0									
Allyl chloride	ND	5.00									
Benzene	ND	1.00									
Bromobenzene	ND	5.00									
Bromochloromethane	ND	5.00									
Bromodichloromethane	ND	5.00									
Bromoform	ND	5.00									
Bromomethane	ND	10.0									
Carbon disulfide	ND	5.00									
Carbon tetrachloride	ND	5.00									
Chlorobenzene	ND	5.00									
Chloroethane	ND	10.0									
Chloroform	ND	5.00									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	5.00									
cis-1,3-Dichloropropene	ND	5.00									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.00									
Dibromomethane	ND	5.00									
Dichlorodifluoromethane	ND	10.0									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.00									
Ethyl methacrylate	ND	5.00									
Ethylbenzene	ND	5.00									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.00									
Hexachloroethane	ND	5.00									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>MBLK-G090709-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/9/2009</b>	RunNo: <b>124408</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54097</b>	<b>SW5035</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329779</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iodomethane	ND	10.0									
Isopropylbenzene	ND	5.00									
m,p-Xylenes	ND	5.00									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.00									
Methyl tert-butyl ether	ND	2.00									
Methylacrylate	ND	10.0									
Methylene chloride	ND	5.00									
Naphthalene	ND	10.0									
n-Butylbenzene	ND	5.00									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.00									
o-Xylene	ND	5.00									
Pentachloroethane	ND	5.00									
p-Isopropyltoluene	ND	5.00									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.00									
Styrene	ND	5.00									
tert-Butylbenzene	ND	5.00									
Tetrachloroethene	ND	5.00									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.00									
trans-1,2-Dichloroethene	ND	5.00									
trans-1,3-Dichloropropene	ND	5.00									
Trichloroethene	ND	5.00									
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.00									
Surr: 1,2-Dichloroethane-d4	44.4		50.00		88.7	61	128				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>MBLK-G090709-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/9/2009</b>	RunNo: <b>124408</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54097</b>	<b>SW5035</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329779</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	45.8		50.00		91.7	78.2	117				
Surr: Dibromofluoromethane	47.8		50.00		95.5	66.6	130				
Surr: Toluene-d8	50.6		50.00		101.2	80.1	122				

Sample ID: <b>LCS-A090708-2</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/8/2009</b>	RunNo: <b>124398</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54090</b>	<b>SW5035</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329586</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	47.2	5.0	50.00	0	94.5	77.5	121				
1,1-Dichloroethene	40.1	5.0	50.00	0	80.2	52	133				
1,2-Dibromoethane	51.5	5.0	50.00	0	103.0	85.2	119				
1,2-Dichlorobenzene	47.5	5.0	50.00	0	95.0	84.2	122				
1,2-Dichloroethane	48.5	5.0	50.00	0	97.0	71.1	125				
1,3-Dichlorobenzene	47.2	5.0	50.00	0	94.4	83.3	125				
1,4-Dichlorobenzene	46.9	5.0	50.00	0	93.9	81.9	128				
2-Butanone	71.2	50.0	100.0	0	71.2	39.1	105				
Benzene	46.8	1.0	50.00	0	93.6	77.9	123				
Bromodichloromethane	52.2	5.0	50.00	0	104.4	87.9	119				
Carbon tetrachloride	48.1	5.0	50.00	0	96.3	77.5	128				
Chlorobenzene	50.0	5.0	50.00	0	100	87.8	120				
Chloroform	48.6	5.0	50.00	0	97.2	81.5	119				
Dibromochloromethane	52.2	5.0	50.00	0	104.4	88.6	119				
Ethylbenzene	49.6	5.0	50.00	0	99.3	80.9	119				
m,p-Xylenes	48.3	5.0	50.00	0	96.6	77.6	120				
Methyl tert-butyl ether	50.6	2.0	50.00	0	101.3	69.8	121				
Methylene chloride	47.7	5.0	50.00	0	95.5	71.5	124				
Naphthalene	56.3	10	50.00	0	112.6	75.7	123				
o-Xylene	45.1	5.0	50.00	0	90.2	82.4	124				
Tetrachloroethene	45.5	5.0	50.00	0	91.0	74.2	113				
Toluene	47.7	5.0	50.00	0	95.3	80.2	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>LCS-A090708-2</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/8/2009</b>	RunNo: <b>124398</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54090</b>	<b>SW5035</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329586</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	47.5	5.0	50.00	0	95.0	83.3	118				
Surr: 1,2-Dichloroethane-d4	50.6		50.00		101.2	61	128				
Surr: 4-Bromofluorobenzene	50.9		50.00		101.9	78.2	117				
Surr: Dibromofluoromethane	50.5		50.00		101.0	66.6	130				
Surr: Toluene-d8	49.7		50.00		99.4	80.1	122				

Sample ID: <b>LCSD-A090708-2</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/8/2009</b>	RunNo: <b>124398</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54090</b>	<b>SW5035</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329587</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	48.4	5.0	50.00	0	96.8	77.5	121	47.24	2.43	20	
1,1-Dichloroethene	42.1	5.0	50.00	0	84.2	52	133	40.10	4.84	20	
1,2-Dibromoethane	49.6	5.0	50.00	0	99.3	85.2	119	51.52	3.72	20	
1,2-Dichlorobenzene	47.1	5.0	50.00	0	94.2	84.2	122	47.49	0.846	20	
1,2-Dichloroethane	48.0	5.0	50.00	0	96.1	71.1	125	48.51	0.953	20	
1,3-Dichlorobenzene	47.9	5.0	50.00	0	95.8	83.3	125	47.18	1.54	20	
1,4-Dichlorobenzene	47.7	5.0	50.00	0	95.4	81.9	128	46.93	1.61	20	
2-Butanone	61.4	50.0	100.0	0	61.4	39.1	105	71.24	14.9	20	
Benzene	48.3	1.0	50.00	0	96.6	77.9	123	46.82	3.07	20	
Bromodichloromethane	52.1	5.0	50.00	0	104.3	87.9	119	52.20	0.115	20	
Carbon tetrachloride	50.7	5.0	50.00	0	101.5	77.5	128	48.14	5.24	20	
Chlorobenzene	51.7	5.0	50.00	0	103.4	87.8	120	50.01	3.36	20	
Chloroform	50.1	5.0	50.00	0	100.3	81.5	119	48.58	3.14	20	
Dibromochloromethane	52.8	5.0	50.00	0	105.7	88.6	119	52.21	1.22	20	
Ethylbenzene	51.6	5.0	50.00	0	103.1	80.9	119	49.63	3.83	20	
m,p-Xylenes	50.4	5.0	50.00	0	100.8	77.6	120	48.29	4.32	20	
Methyl tert-butyl ether	48.2	2.0	50.00	0	96.3	69.8	121	50.65	5.04	20	
Methylene chloride	48.6	5.0	50.00	0	97.2	71.5	124	47.74	1.83	20	
Naphthalene	50.6	10	50.00	0	101.1	75.7	123	56.31	10.8	20	
o-Xylene	47.1	5.0	50.00	0	94.2	82.4	124	45.11	4.27	20	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070337

Report Date: 13-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	47.9	5.0	50.00	0	95.7	74.2	113	45.51	5.05	20	
Toluene	49.8	5.0	50.00	0	99.7	80.2	115	47.66	4.45	20	
Trichloroethene	48.3	5.0	50.00	0	96.5	83.3	118	47.50	1.59	20	
Surr: 1,2-Dichloroethane-d4	49.4		50.00		98.7	61	128		0	0	
Surr: 4-Bromofluorobenzene	50.8		50.00		101.5	78.2	117		0	0	
Surr: Dibromofluoromethane	50.0		50.00		100.1	66.6	130		0	0	
Surr: Toluene-d8	51.2		50.00		102.4	80.1	122		0	0	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	10									
1,2,3-Trimethylbenzene	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>MBLK-A090708-2</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/8/2009</b>	RunNo: <b>124398</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54090</b>	<b>SW5035</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329588</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
1-Chlorobutane	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.0									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.0									
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10									
Allyl chloride	ND	5.0									
Benzene	ND	1.0									
Bromobenzene	ND	5.0									
Bromochloromethane	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	10									
Carbon disulfide	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	10									
Chloroform	ND	5.0									
Chloromethane	ND	10									
cis-1,2-Dichloroethene	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>MBLK-A090708-2</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/8/2009</b>	RunNo: <b>124398</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54090</b>	<b>SW5035</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329588</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	ND	4.0									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	10									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.0									
Ethyl methacrylate	ND	5.0									
Ethylbenzene	ND	5.0									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.0									
Hexachloroethane	ND	5.0									
Iodomethane	ND	10									
Isopropylbenzene	ND	5.0									
m,p-Xylenes	ND	5.0									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.0									
Methyl tert-butyl ether	ND	2.0									
Methylacrylate	ND	10									
Methylene chloride	ND	5.0									
Naphthalene	ND	10									
n-Butylbenzene	ND	5.0									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.0									
o-Xylene	ND	5.0									
Pentachloroethane	ND	5.0									
p-Isopropyltoluene	ND	5.0									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070337

Report Date: 13-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: <b>MBLK-A090708-2</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/8/2009</b>	RunNo: <b>124398</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54090</b>	<b>SW5035</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329588</b>							
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	4.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.0									
Surr: 1,2-Dichloroethane-d4	49.8		50.00		99.6	61	128				
Surr: 4-Bromofluorobenzene	49.4		50.00		98.8	78.2	117				
Surr: Dibromofluoromethane	50.0		50.00		100	66.6	130				
Surr: Toluene-d8	50.7		50.00		101.3	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>MB-54074</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/8/2009</b>	RunNo: <b>124372</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54074</b>	<b>SW3550B</b>	Analysis Date: <b>7/8/2009</b>	SeqNo: <b>2329141</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: MB-54074	SampType: MBLK	Units: mg/Kg	Prep Date: 7/8/2009	RunNo: 124372							
Client ID: ZZZZZZ	Batch ID: 54074	SW3550B	Analysis Date: 7/8/2009	SeqNo: 2329141							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>MB-54074</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/8/2009</b>	RunNo: <b>124372</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54074</b>	<b>SW3550B</b>	Analysis Date: <b>7/8/2009</b>	SeqNo: <b>2329141</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.13		1.670		67.6	52.1	113				
Surr: 2-Fluorobiphenyl	0.640		0.8350		76.7	46.3	106				
Surr: 2-Fluorophenol	1.05		1.670		63.0	50.6	89				
Surr: Nitrobenzene-d5	0.547		0.8350		65.5	42.4	99.2				
Surr: Phenol-d5	1.10		1.670		65.9	55.9	98.5				
Surr: p-Terphenyl-d14	0.604		0.8350		72.3	45.5	115				

Sample ID: <b>LCS-54074</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/8/2009</b>	RunNo: <b>124372</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54074</b>	<b>SW3550B</b>	Analysis Date: <b>7/8/2009</b>	SeqNo: <b>2329142</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.27	0.500	1.670	0	76.2	43.9	92.2				
1,4-Dichlorobenzene	1.01	0.500	1.670	0	60.6	43.8	84.1				
2,4,5-Trichlorophenol	2.91	0.350	3.330	0	87.3	38.6	123				
2,4,6-Trichlorophenol	2.94	0.350	3.330	0	88.3	35.9	123				
2,4-Dimethylphenol	2.40	0.500	3.330	0	72.0	38.3	88				
2,4-Dinitrophenol	3.41	1.00	3.330	0	102.3	1.88	162				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>LCS-54074</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>7/8/2009</b>	RunNo: <b>124372</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54074</b>	<b>SW3550B</b>				Analysis Date: <b>7/8/2009</b>	SeqNo: <b>2329142</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.55	0.350	1.670	0	93.0	48.6	102				
2-Chlorophenol	2.46	0.500	3.330	0	73.9	46.6	84				
4-Chloro-3-methylphenol	2.71	0.500	3.330	0	81.2	51.5	94.9				
4-Nitrophenol	2.53	0.350	3.330	0	75.9	53.2	104				
Acenaphthene	1.35	0.350	1.670	0	80.9	50.8	113				
Acenaphthylene	1.94	0.350	1.670	0	116.3	52.8	121				
Anthracene	1.36	0.350	1.670	0	81.2	53.3	115				
Benzo(a)anthracene	1.41	0.350	1.670	0	84.4	62.3	110				
Benzo(a)pyrene	1.50	0.350	1.670	0	89.6	58.2	109				
Benzo(b)fluoranthene	1.31	0.350	1.670	0	78.5	51.8	107				
Benzo(g,h,i)perylene	1.40	0.350	1.670	0	83.8	49.6	121				
Benzo(k)fluoranthene	1.56	0.350	1.670	0	93.5	63.1	129				
Bis(2-ethylhexyl)phthalate	1.30	0.350	1.670	0	77.8	56.3	109				
Chrysene	1.61	0.350	1.670	0	96.5	58.4	115				
Dibenzo(a,h)anthracene	1.50	0.350	1.670	0	90.1	54.9	120				
Diethyl phthalate	2.56	0.500	3.330	0	77.0	51.7	106				
Dimethyl phthalate	2.62	0.350	3.330	0	78.7	58.8	104				
Di-n-butyl phthalate	1.27	0.350	1.670	0	76.3	54.3	105				
Fluoranthene	1.37	0.350	1.670	0	81.9	61.6	113				
Fluorene	1.38	0.350	1.670	0	82.6	52.2	116				
Hexachlorobenzene	2.89	0.350	3.330	0	86.8	55.9	106				
Hexachlorobutadiene	2.30	0.500	3.330	0	69.2	35.7	100				
Hexachloroethane	1.99	0.500	3.330	0	59.8	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.46	0.350	1.670	0	87.6	52.7	115				
m,p-Cresol	1.35	0.500	1.670	0	80.6	37.6	93.7				
Naphthalene	1.15	0.350	1.670	0	69.0	45.7	101				
Nitrobenzene	2.10	0.500	3.330	0	63.1	51.8	104				
N-Nitroso-di-n-propylamine	1.18	0.500	1.670	0	70.9	49.1	94.5				
o-Cresol	1.42	0.500	1.670	0	85.3	43	101				
Pentachlorophenol	2.52	2.00	3.330	0	75.5	42.2	102				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>LCS-54074</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/8/2009</b>		RunNo: <b>124372</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>54074</b>		<b>SW3550B</b>		Analysis Date: <b>7/8/2009</b>		SeqNo: <b>2329142</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.42	0.350	1.670	0	84.9	52.9	113				
Phenol	2.45	0.350	3.330	0	73.5	41.6	81.3				
Pyrene	1.30	0.500	1.670	0	77.8	60.7	115				
Pyridine	1.16	0.500	3.330	0	34.9	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.57		1.670		94.1	52.1	113				
Surr: 2-Fluorobiphenyl	0.686		0.8350		82.2	46.3	106				
Surr: 2-Fluorophenol	1.20		1.670		72.1	50.6	89				
Surr: Nitrobenzene-d5	0.490		0.8350		58.7	42.4	99.2				
Surr: Phenol-d5	1.29		1.670		77.3	55.9	98.5				
Surr: p-Terphenyl-d14	0.698		0.8350		83.6	45.5	115				

Sample ID: <b>09070337-007AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/8/2009</b>		RunNo: <b>124372</b>			
Client ID: <b>P1-A4-W (20)MS</b>		Batch ID: <b>54074</b>		<b>SW3550B</b>		Analysis Date: <b>7/9/2009</b>		SeqNo: <b>2329149</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.6	5.59	1.866	0	86.4	35.9	102				J
1,4-Dichlorobenzene	ND	5.59	1.866	0	0	29.8	95.5				S
2,4,5-Trichlorophenol	3.1	3.91	3.722	0	83.7	38.6	123				J
2,4,6-Trichlorophenol	2.6	3.91	3.722	0	70.4	35.9	123				J
2,4-Dimethylphenol	3.2	5.59	3.722	0	86.4	38.3	88				J
2,4-Dinitrophenol	ND	11.2	3.722	0	0	1.88	162				S
2,4-Dinitrotoluene	ND	3.91	1.866	0	0	37.5	107				S
2-Chlorophenol	2.7	5.59	3.722	0	72.2	22.6	108				J
4-Chloro-3-methylphenol	3.2	5.59	3.722	0	85.1	19.3	131				J
4-Nitrophenol	2.2	3.91	3.722	0	60.3	27.6	123				J
Diethyl phthalate	2.9	5.59	3.722	0	77.4	51.7	106				J
Dimethyl phthalate	3.0	3.91	3.722	0	80.5	58.8	104				J
Di-n-butyl phthalate	1.3	3.91	1.866	0	68.1	54.3	105				J
Hexachlorobenzene	2.8	3.91	3.722	0	76.6	55.9	106				J
Hexachlorobutadiene	3.0	5.59	3.722	0	79.6	35.7	100				J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>09070337-007AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/8/2009</b>		RunNo: <b>124372</b>			
Client ID: <b>P1-A4-W (20)MS</b>		Batch ID: <b>54074</b>		<b>SW3550B</b>		Analysis Date: <b>7/9/2009</b>		SeqNo: <b>2329149</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	2.4	5.59	3.722	0	64.1	38.9	89.9				J
m,p-Cresol	1.5	5.59	1.866	0	79.1	37.6	93.7				J
Nitrobenzene	3.1	5.59	3.722	0	84.2	51.8	104				J
N-Nitroso-di-n-propylamine	1.2	5.59	1.866	0	67.1	45.5	99.1				J
o-Cresol	1.6	5.59	1.866	0	82.9	43	101				J
Pentachlorophenol	ND	22.4	3.722	0	0	18.5	113				S
Phenol	2.7	3.91	3.722	0	73.0	20.8	110				J
Pyridine	1.6	5.59	3.722	0	44.1	3.61	74.3				J
Surr: 2,4,6-Tribromophenol	1.13		1.866		60.3	32.7	130				
Surr: 2-Fluorobiphenyl	0.827		0.9332		88.6	34.1	116				
Surr: 2-Fluorophenol	1.25		1.866		67.1	30.5	99				
Surr: Nitrobenzene-d5	0.652		0.9332		69.9	34.1	101				
Surr: Phenol-d5	1.36		1.866		72.9	34.9	110				
Surr: p-Terphenyl-d14	0.723		0.9332		77.4	41.7	124				

Sample ID: <b>09070337-007AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/8/2009</b>		RunNo: <b>124372</b>			
Client ID: <b>P1-A4-W (20)MSD</b>		Batch ID: <b>54074</b>		<b>SW3550B</b>		Analysis Date: <b>7/9/2009</b>		SeqNo: <b>2329150</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.6	5.50	1.838	0	86.6	35.9	102	1.612	0	40	J
1,4-Dichlorobenzene	ND	5.50	1.838	0	0	29.8	95.5	0	0	40	S
2,4,5-Trichlorophenol	3.0	3.85	3.664	0	80.5	38.6	123	3.116	0	40	J
2,4,6-Trichlorophenol	2.8	3.85	3.664	0	77.5	35.9	123	2.621	0	40	J
2,4-Dimethylphenol	3.1	5.50	3.664	0	85.7	38.3	88	3.215	0	40	J
2,4-Dinitrophenol	ND	11.0	3.664	0	0	1.88	162	0	0	40	S
2,4-Dinitrotoluene	ND	3.85	1.838	0	0	37.5	107	0	0	40	S
2-Chlorophenol	2.6	5.50	3.664	0	71.7	22.6	108	2.687	0	40	J
4-Chloro-3-methylphenol	3.3	5.50	3.664	0	89.3	19.3	131	3.167	0	40	J
4-Nitrophenol	2.3	3.85	3.664	0	62.4	27.6	123	2.243	0	40	J
Diethyl phthalate	2.7	5.50	3.664	0	73.3	51.7	106	2.882	0	40	J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>09070337-007AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/8/2009</b>		RunNo: <b>124372</b>			
Client ID: <b>P1-A4-W (20)MSD</b>		Batch ID: <b>54074</b>		<b>SW3550B</b>		Analysis Date: <b>7/9/2009</b>		SeqNo: <b>2329150</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethyl phthalate	2.9	3.85	3.664	0	78.1	58.8	104	2.997	0	40	J
Di-n-butyl phthalate	1.6	3.85	1.838	0	85.1	54.3	105	1.270	0	40	J
Hexachlorobenzene	2.7	3.85	3.664	0	73.0	55.9	106	2.850	0	40	J
Hexachlorobutadiene	2.7	5.50	3.664	0	74.8	35.7	100	2.961	0	40	J
Hexachloroethane	3.1	5.50	3.664	0	85.2	38.9	89.9	2.385	0	40	J
m,p-Cresol	1.4	5.50	1.838	0	75.6	37.6	93.7	1.477	0	40	J
Nitrobenzene	3.2	5.50	3.664	0	86.4	51.8	104	3.134	0	40	J
N-Nitroso-di-n-propylamine	1.3	5.50	1.838	0	68.8	45.5	99.1	1.253	0	40	J
o-Cresol	1.6	5.50	1.838	0	85.4	43	101	1.548	0	40	J
Pentachlorophenol	ND	22.0	3.664	0	0	18.5	113	0	0	40	S
Phenol	2.8	3.85	3.664	0	75.1	20.8	110	2.717	0	40	J
Pyridine	1.8	5.50	3.664	0	49.9	3.61	74.3	1.641	0	40	J
Surr: 2,4,6-Tribromophenol	1.20		1.838		65.1	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	0.814		0.9188		88.6	34.1	116		0	40	
Surr: 2-Fluorophenol	1.21		1.838		66.1	30.5	99		0	40	
Surr: Nitrobenzene-d5	0.686		0.9188		74.7	34.1	101		0	40	
Surr: Phenol-d5	1.32		1.838		72.1	34.9	110		0	40	
Surr: p-Terphenyl-d14	0.723		0.9188		78.6	41.7	124		0	40	

Sample ID: <b>MB-54075</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/8/2009</b>		RunNo: <b>124411</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>54075</b>		<b>SW3550B</b>		Analysis Date: <b>7/9/2009</b>		SeqNo: <b>2329822</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.0034									
Acenaphthylene	ND	0.0034									
Anthracene	ND	0.0034									
Benzo(a)anthracene	ND	0.0034									
Benzo(a)pyrene	ND	0.0034									
Benzo(b)fluoranthene	ND	0.0034									
Benzo(g,h,i)perylene	ND	0.0034									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070337

Report Date: 13-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: <b>MB-54075</b>	SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/8/2009</b>	RunNo: <b>124411</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54075</b>		<b>SW3550B</b>		Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329822</b>					
Benzo(k)fluoranthene	ND	0.0034									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Chrysene	ND	0.0034									
Dibenzo(a,h)anthracene	ND	0.0034									
Fluoranthene	ND	0.0034									
Fluorene	ND	0.0034									
Indeno(1,2,3-cd)pyrene	ND	0.0034									
Naphthalene	ND	0.0034									
Phenanthrene	ND	0.0034									
Pyrene	ND	0.0034									
Surr: 2-Fluorobiphenyl	0.48		0.8330		57.7	17.5	123				
Surr: Nitrobenzene-d5	0.60		0.8330		71.9	35	105				
Surr: p-Terphenyl-d14	0.58		0.8330		69.7	53.6	122				

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: <b>LCS-54075</b>	SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/8/2009</b>	RunNo: <b>124411</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54075</b>		<b>SW3550B</b>		Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2329823</b>					
Acenaphthene	0.12	0.0034	0.1670	0	74.2	56.3	115				
Acenaphthylene	0.12	0.0034	0.1670	0	72.7	60.3	143				
Anthracene	0.12	0.0034	0.1670	0	69.3	52.1	109				
Benzo(a)anthracene	0.12	0.0034	0.1670	0	70.0	52.8	112				
Benzo(a)pyrene	0.12	0.0034	0.1670	0	71.9	40.8	127				
Benzo(b)fluoranthene	0.13	0.0034	0.1670	0	75.3	50.1	150				
Benzo(g,h,i)perylene	0.13	0.0034	0.1670	0	79.7	52.8	145				
Benzo(k)fluoranthene	0.13	0.0034	0.1670	0	75.7	52	153				
Bis(2-ethylhexyl)phthalate	0.15	0.067	0.1670	0	90.6	50	150				
Chrysene	0.13	0.0034	0.1670	0	80.6	60.8	128				
Dibenzo(a,h)anthracene	0.13	0.0034	0.1670	0	76.2	54.9	150				
Fluoranthene	0.12	0.0034	0.1670	0	74.3	58.7	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>LCS-54075</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/8/2009</b>		RunNo: <b>124411</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>54075</b>		<b>SW3550B</b>		Analysis Date: <b>7/9/2009</b>		SeqNo: <b>2329823</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	0.13	0.0034	0.1670	0	77.4	57.8	125				
Indeno(1,2,3-cd)pyrene	0.13	0.0034	0.1670	0	77.5	52	147				
Naphthalene	0.12	0.0034	0.1670	0	72.0	54.8	113				
Phenanthrene	0.13	0.0034	0.1670	0	75.7	60.4	121				
Pyrene	0.12	0.0034	0.1670	0	71.7	57.9	129				
Surr: 2-Fluorobiphenyl	0.53		0.8330		63.5	35.3	113				
Surr: Nitrobenzene-d5	0.64		0.8330		76.4	33.9	108				
Surr: p-Terphenyl-d14	0.59		0.8330		70.5	58.4	122				

Sample ID: <b>09070337-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/8/2009</b>		RunNo: <b>124411</b>			
Client ID: <b>P1-A2-W (15)MS</b>		Batch ID: <b>54075</b>		<b>SW3550B</b>		Analysis Date: <b>7/9/2009</b>		SeqNo: <b>2329825</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.9	0.038	0.1886	1.575	180.7	36	135				S
Acenaphthylene	0.93	0.038	0.1886	0.5867	180.5	17.2	167				S
Anthracene	1.3	0.038	0.1886	0.9683	161.0	39.3	124				S
Benzo(a)anthracene	0.74	0.038	0.1886	0.4801	138.4	10	183				
Benzo(a)pyrene	0.60	0.038	0.1886	0.3820	115.8	10	204				
Benzo(b)fluoranthene	0.51	0.038	0.1886	0.3157	102.1	10.6	178				
Benzo(g,h,i)perylene	0.36	0.038	0.1886	0.1630	106.2	10	168				
Benzo(k)fluoranthene	0.28	0.038	0.1886	0.09772	94.9	27.6	181				
Bis(2-ethylhexyl)phthalate	ND	0.76	0.1886	0	0	50	150				S
Chrysene	0.70	0.038	0.1886	0.4510	133.9	10	176				
Dibenzo(a,h)anthracene	0.19	0.038	0.1886	0.04278	80.7	12.2	156				
Fluoranthene	1.3	0.038	0.1886	0.9890	163.4	10	227				
Fluorene	1.4	0.038	0.1886	1.041	186.9	35.2	148				S
Indeno(1,2,3-cd)pyrene	0.30	0.038	0.1886	0.1250	92.4	10	164				
Naphthalene	13	0.038	0.1886	10.64	1383	14.7	128				S
Phenanthrene	4.3	0.038	0.1886	3.412	459.8	32.8	143				S
Pyrene	1.8	0.038	0.1886	1.416	216.8	10	180				S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>09070337-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/8/2009</b>		RunNo: <b>124411</b>			
Client ID: <b>P1-A2-W (15)MS</b>		Batch ID: <b>54075</b>		<b>SW3550B</b>		Analysis Date: <b>7/9/2009</b>		SeqNo: <b>2329825</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.60		0.9407		63.6	10	131				
Surr: Nitrobenzene-d5	0.60		0.9407		64.0	10	132				
Surr: p-Terphenyl-d14	0.71		0.9407		75.2	30.6	131				

Sample ID: <b>09070337-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/8/2009</b>		RunNo: <b>124411</b>			
Client ID: <b>P1-A2-W (15)MSD</b>		Batch ID: <b>54075</b>		<b>SW3550B</b>		Analysis Date: <b>7/9/2009</b>		SeqNo: <b>2329826</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.6	0.038	0.1844	1.575	-4.2	36	135	1.915	20.0	49.7	S
Acenaphthylene	1.1	0.038	0.1844	0.5867	283.1	17.2	167	0.9272	17.9	33.3	S
Anthracene	1.2	0.038	0.1844	0.9683	137.7	39.3	124	1.272	3.98	51.1	S
Benzo(a)anthracene	0.67	0.038	0.1844	0.4801	104.8	10	183	0.7412	9.59	40.6	
Benzo(a)pyrene	0.59	0.038	0.1844	0.3820	113.8	10	204	0.6004	1.41	56.4	
Benzo(b)fluoranthene	0.50	0.038	0.1844	0.3157	98.5	10.6	178	0.5082	2.15	49.7	
Benzo(g,h,i)perylene	0.35	0.038	0.1844	0.1630	99.1	10	168	0.3633	4.95	36.5	
Benzo(k)fluoranthene	0.26	0.038	0.1844	0.09772	89.5	27.6	181	0.2767	5.12	42.6	
Bis(2-ethylhexyl)phthalate	ND	0.74	0.1844	0	0	50	150	0	0	60.3	S
Chrysene	0.67	0.038	0.1844	0.4510	119.4	10	176	0.7036	4.71	45.1	
Dibenzo(a,h)anthracene	0.18	0.038	0.1844	0.04278	75.6	12.2	156	0.1950	6.76	39.9	
Fluoranthene	1.3	0.038	0.1844	0.9890	182.2	10	227	1.297	2.12	66.2	
Fluorene	1.3	0.038	0.1844	1.041	153.6	35.2	148	1.394	5.10	65.6	S
Indeno(1,2,3-cd)pyrene	0.28	0.038	0.1844	0.1250	86.3	10	164	0.2993	5.16	36.5	
Naphthalene	16	0.038	0.1844	10.64	2842	14.7	128	13.25	18.1	39.6	S
Phenanthrene	4.0	0.038	0.1844	3.412	303.6	32.8	143	4.279	7.45	35.4	S
Pyrene	1.8	0.038	0.1844	1.416	208.9	10	180	1.825	1.30	60.1	S
Surr: 2-Fluorobiphenyl	0.60		0.9200		65.6	10	131		0	40	
Surr: Nitrobenzene-d5	0.67		0.9200		72.4	10	132		0	40	
Surr: p-Terphenyl-d14	0.71		0.9200		77.2	30.6	131		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>MB-54074</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/8/2009</b>	RunNo: <b>124433</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54074</b>	<b>SW3550B</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2330133</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.0340									
Acenaphthylene	ND	0.0340									
Anthracene	ND	0.0340									
Benzo(a)anthracene	ND	0.0340									
Benzo(a)pyrene	ND	0.0340									
Benzo(b)fluoranthene	ND	0.0340									
Benzo(g,h,i)perylene	ND	0.0340									
Benzo(k)fluoranthene	ND	0.0340									
Chrysene	ND	0.0340									
Dibenzo(a,h)anthracene	ND	0.0340									
Fluoranthene	ND	0.0340									
Fluorene	ND	0.0340									
Indeno(1,2,3-cd)pyrene	ND	0.0340									
Naphthalene	ND	0.0340									
Phenanthrene	ND	0.0340									
Pyrene	ND	0.0340									
Surr: 2-Fluorobiphenyl	0.547		0.8350		65.5	46.3	106				
Surr: Nitrobenzene-d5	0.546		0.8350		65.4	42.4	99.2				
Surr: p-Terphenyl-d14	0.522		0.8350		62.5	45.5	115				

Sample ID: <b>LCS-54074</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/8/2009</b>	RunNo: <b>124433</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54074</b>	<b>SW3550B</b>	Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2330134</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.13	0.0340	1.670	0	67.6	50.8	113				
Acenaphthylene	1.16	0.0340	1.670	0	69.6	52.8	121				
Anthracene	1.09	0.0340	1.670	0	65.4	53.3	115				
Benzo(a)anthracene	1.12	0.0340	1.670	0	67.2	62.3	110				
Benzo(a)pyrene	1.12	0.0340	1.670	0	67.3	58.2	109				
Benzo(b)fluoranthene	1.12	0.0340	1.670	0	67.3	51.8	107				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>LCS-54074</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>7/8/2009</b>	RunNo: <b>124433</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54074</b>	<b>SW3550B</b>				Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2330134</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	1.30	0.0340	1.670	0	77.8	49.6	121				
Benzo(k)fluoranthene	1.27	0.0340	1.670	0	76.2	63.1	129				
Chrysene	1.20	0.0340	1.670	0	71.7	58.4	115				
Dibenzo(a,h)anthracene	1.34	0.0340	1.670	0	80.3	54.9	120				
Fluoranthene	1.19	0.0340	1.670	0	71.1	61.6	113				
Fluorene	1.14	0.0340	1.670	0	68.2	52.2	116				
Indeno(1,2,3-cd)pyrene	1.29	0.0340	1.670	0	77.1	52.7	115				
Naphthalene	1.07	0.0340	1.670	0	64.1	45.7	101				
Phenanthrene	1.18	0.0340	1.670	0	70.5	52.9	113				
Pyrene	1.15	0.0340	1.670	0	69.0	60.7	115				
Surr: 2-Fluorobiphenyl	0.593		0.8350		71.0	46.3	106				
Surr: Nitrobenzene-d5	0.627		0.8350		75.1	42.4	99.2				
Surr: p-Terphenyl-d14	0.563		0.8350		67.4	45.5	115				

Sample ID: <b>LCS-DRO-54074</b>	SampType: <b>LCS</b>	Units: <b>%REC</b>				Prep Date: <b>7/9/2009</b>	RunNo: <b>124433</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54074</b>	<b>SW3550B</b>				Analysis Date: <b>7/9/2009</b>	SeqNo: <b>2330135</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.707		0.8350		84.6	46.3	106				
Surr: Nitrobenzene-d5	0.592		0.8350		70.9	42.4	99.2				
Surr: p-Terphenyl-d14	0.718		0.8350		85.9	45.5	115				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW9012B (TCN) Solid

Lab Order: 09070337

Report Date: 13-Jul-09

Sample ID: <b>MB-R124487</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>124487</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124487</b>		Analysis Date: <b>7/10/2009</b>	SeqNo: <b>2331485</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide < 0.01 0.01

Sample ID: <b>LCS-R124487</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>124487</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124487</b>		Analysis Date: <b>7/10/2009</b>	SeqNo: <b>2331486</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.10 0.01 0.1000 0 104.5 85 115

Sample ID: <b>09070337-001CMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>124487</b>							
Client ID: <b>P1-A2-W (15)MS</b>	Batch ID: <b>R124487</b>		Analysis Date: <b>7/10/2009</b>	SeqNo: <b>2331490</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 4.29 0.57 2.848 0.2284 142.5 75 125 S

Sample ID: <b>09070337-001CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>124487</b>							
Client ID: <b>P1-A2-W (15)MSD</b>	Batch ID: <b>R124487</b>		Analysis Date: <b>7/10/2009</b>	SeqNo: <b>2331491</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 3.79 0.57 2.848 0.2284 125.2 75 125 4.288 12.2 15 S

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070337

**Report Date:** 13-Jul-09

**Carrier:** Kelly Klostermann

**Received By:** EC

**Completed by:** *Marvin L. Darling II*

**Reviewed by:** *Shelly A. Hennessy*

**On:**

**On:**

08-Jul-09

08-Jul-09

Marvin L. Darling

Shelly A. Hennessy

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 4.4
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <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** 09480

09070337

# 1 DAY

## Teklab, Inc. Courier Pick Up

Project Name: Amesbury Campground Project Mgr.: Pete Szazama  
 Project Number: 02403053 Cost Code: 600000

Sampler(s): L. Hodsier

Laboratory Name: Teklab  
 Location: Collinsville, IL

Sample Number and (depth)	Date	Time	Matrix					Total Number of Containers	Analyses by Method Name and Number					Comments (Field PID)	Lab ID #'s			
			Soil	Water	Air	Wipes	Other *		VOCs (8260)	SVOCs (8270)	PAH (8270.5ms)	PCP/Metals	Total Cuprider			Anaerobic Cuprider		
P1-A2-W (15)	7/6	1439	X					7	X	X	X	X	X				* Samples are not *	09070337-01
P1-A3-W (3)	7/7	0850	X					7	X	X	X	X	X					-02
P1-A3-W (10)	7/7	0859	X					7	X	X	X	X	X					-03
P1-A3-W (20)	7/7	0915	X					7	X	X	X	X	X					-04
P1-A4-W (3)	7/7	1344	X					7	X	X	X	X	X					-05
P1-A4-W (8)	7/7	1355	X					7	X	X	X	X	X					-06
P1-A4-W (20)	7/7	1405	X					7	X	X	X	X	X					-07

Laboratory Temperature upon Receipt  
41.4 °CICE

**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: Pete Szazama, electronic copy to Leslie Hodsier  
 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: Leslie Hodsier Date: 7/8/09 Time: 0955  
 Signature: Kelly Kattarman Date: 7/8/09 Time: 1445

**Received by:**  
 Signature: Kelly Kattarman Date: 7/8/09 Time: 0955  
 Signature: Leslie Hodsier Date: 7/8/09 Time: 1445

July 09, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09070337

Dear Pete Sazama:

TEKLAB, INC received 7 samples on 7/8/2009 2:45:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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,

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## 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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070337

**Report Date:** 09-Jul-09

Lab Sample ID	Client Sample ID	Fractions	Collection Date
09070337-001	P1-A2-W (15)	6	7/6/2009 2:39:00 PM
09070337-002	P1-A3-W (3)	6	7/7/2009 8:50:00 AM
09070337-003	P1-A3-W (10)	6	7/7/2009 8:59:00 AM
09070337-004	P1-A3-W (20)	6	7/7/2009 9:15:00 AM
09070337-005	P1-A4-W (3)	6	7/7/2009 1:44:00 PM
09070337-006	P1-A4-W (8)	6	7/7/2009 1:55:00 PM
09070337-007	P1-A4-W (20)	6	7/7/2009 2:05:00 PM

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09070337

**Report Date:** 09-Jul-09

**Cooler Receipt Temp:** 4.4 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070337

**Client Sample ID:** P1-A2-W (15)

**Lab ID:** 09070337-001

**Collection Date:** 7/6/2009 2:39:00 PM

**Report Date:** 09-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		12.2	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.8	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.31		< 2.31	mg/Kg-dry	1	7/9/2009 1:37:24 PM	LAL
Barium	NELAP	0.46		16.4	mg/Kg-dry	1	7/9/2009 1:37:24 PM	LAL
Cadmium	NELAP	0.19		0.26	mg/Kg-dry	1	7/9/2009 1:37:24 PM	LAL
Chromium	NELAP	0.93		15.6	mg/Kg-dry	1	7/9/2009 1:37:24 PM	LAL
Lead	NELAP	3.70		11.1	mg/Kg-dry	1	7/9/2009 1:37:24 PM	LAL
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	7/9/2009 1:37:24 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	0.733	mg/Kg-dry	1	7/9/2009 2:37:34 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.038	S	1.6	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Acenaphthylene	NELAP	0.038	S	0.59	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Anthracene	NELAP	0.038	S	0.97	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Benzo(a)anthracene	NELAP	0.038		0.48	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Benzo(a)pyrene	NELAP	0.038		0.38	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.038		0.32	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.038		0.16	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.038		0.098	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.74	S	ND	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Chrysene	NELAP	0.038		0.45	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.038		0.043	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Fluoranthene	NELAP	0.038		0.99	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Fluorene	NELAP	0.038	S	1.0	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.038		0.13	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Naphthalene	NELAP	0.038	S	11	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Phenanthrene	NELAP	0.038	S	3.4	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Pyrene	NELAP	0.038	S	1.4	mg/Kg-dry	10	7/9/2009 10:15:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		59.6	%REC	10	7/9/2009 10:15:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		71.2	%REC	10	7/9/2009 10:15:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		71.2	%REC	10	7/9/2009 10:15:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-001  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A2-W (15)  
**Collection Date:** 7/6/2009 2:39:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
2,4,5-Trichlorophenol	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2-Chloronaphthalene	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2-Chlorophenol	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2-Methoxy-4-methylphenol		0.719		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2-Methylnaphthalene	NELAP	0.387		4.10	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
2-Nitrophenol	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
4-Chloroaniline	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
4-Nitroaniline	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
4-Nitrophenol	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Aniline	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Azobenzene		0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Benzidine	NELAP	1.17		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Benzoic acid	NELAP	1.66		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Benzyl alcohol	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Carbazole		0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Dibenzofuran	NELAP	0.387	J	0.24	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Diethyl phthalate	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Dimethyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Hexachlorobenzene	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-001  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A2-W (15)  
**Collection Date:** 7/6/2009 2:39:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Hexachloroethane	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Isophorone	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
m,p-Cresol	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Nitrobenzene	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
o-Cresol	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Pentachlorophenol	NELAP	2.21		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Phenol	NELAP	0.387		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Pyridine	NELAP	0.553		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
1,2-Diphenylhydrazine		0.929		ND	mg/Kg-dry	1	7/8/2009 11:28:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		86.9	%REC	1	7/8/2009 11:28:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		83.1	%REC	1	7/8/2009 11:28:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		69.9	%REC	1	7/8/2009 11:28:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		68.5	%REC	1	7/8/2009 11:28:00 PM	DMH
Surr: Phenol-d5		34.9-110		73.8	%REC	1	7/8/2009 11:28:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		79.2	%REC	1	7/8/2009 11:28:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1,1-Trichloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1,2-Trichloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1-Dichloro-2-propanone		21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1-Dichloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1-Dichloroethene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,1-Dichloropropene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2,3-Trichloropropane	NELAP	4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2,3-Trimethylbenzene		2140	J	800	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	2140		2260	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2-Dibromoethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2-Dichlorobenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-001  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A2-W (15)  
**Collection Date:** 7/6/2009 2:39:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,2-Dichloropropane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	2140	J	620	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,3-Dichlorobenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,3-Dichloropropane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1,4-Dichlorobenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
1-Chlorobutane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
2,2-Dichloropropane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
2-Butanone	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
2-Chlorotoluene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
2-Hexanone	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
2-Nitropropane	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
4-Chlorotoluene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
4-Methyl-2-pentanone	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Acetone	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Acrolein	NELAP	42900		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Acrylonitrile	NELAP	4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Allyl chloride	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Benzene	NELAP	429		4960	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Bromobenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Bromochloromethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Bromodichloromethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Bromoform	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Bromomethane	NELAP	4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Carbon disulfide	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Carbon tetrachloride	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Chlorobenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Chloroethane	NELAP	4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Chloroform	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Chloromethane	NELAP	4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	1720		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Cyclohexanone		42900		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Dibromochloromethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Dibromomethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Dichlorodifluoromethane	NELAP	4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Ethyl acetate	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Ethyl ether	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-001  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A2-W (15)  
**Collection Date:** 7/6/2009 2:39:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Ethylbenzene	NELAP	2140		6240	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Heptane		8580		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Hexachlorobutadiene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Hexachloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Iodomethane	NELAP	4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Isopropylbenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
m,p-Xylenes	NELAP	2140		4150	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Methacrylonitrile	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Methyl Methacrylate	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Methyl tert-butyl ether	NELAP	858		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Methylacrylate		4290		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Methylene chloride	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Naphthalene	NELAP	4290		59600	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
n-Butylbenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
n-Hexane		8580		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Nitrobenzene	NELAP	42900		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
n-Propylbenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
o-Xylene	NELAP	2140		2830	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Pentachloroethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
p-Isopropyltoluene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Propionitrile	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
sec-Butylbenzene	NELAP	2140	J	1600	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Styrene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
tert-Butylbenzene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Tetrachloroethene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Tetrahydrofuran	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Toluene	NELAP	2140	J	660	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	1720		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Trichloroethene	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Trichlorofluoromethane	NELAP	2140		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Vinyl acetate	NELAP	21400		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Vinyl chloride	NELAP	858		ND	µg/Kg-dry	250	7/9/2009 11:03:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		104.0	%REC	250	7/9/2009 11:03:00 AM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		103.0	%REC	250	7/9/2009 11:03:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		99.7	%REC	250	7/9/2009 11:03:00 AM	RWE
Surr: Toluene-d8		80.1-122		101.7	%REC	250	7/9/2009 11:03:00 AM	RWE

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-001  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A2-W (15)  
**Collection Date:** 7/6/2009 2:39:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011		<b>0.012</b>	mg/Kg-dry	1	7/8/2009	ALU

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol were above QC limits in the CCV. Samples were below the reporting limit, data is reportable.

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

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FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-002  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (3)  
**Collection Date:** 7/7/2009 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		31.2	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		68.8	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		3.29	mg/Kg-dry	1	7/9/2009 1:44:03 PM	LAL
Barium	NELAP	0.47		66.0	mg/Kg-dry	1	7/9/2009 1:44:03 PM	LAL
Cadmium	NELAP	0.19		0.52	mg/Kg-dry	1	7/9/2009 1:44:03 PM	LAL
Chromium	NELAP	0.94		23.2	mg/Kg-dry	1	7/9/2009 1:44:03 PM	LAL
Lead	NELAP	3.77		16.5	mg/Kg-dry	1	7/9/2009 1:44:03 PM	LAL
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	7/9/2009 1:44:03 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	1.78	mg/Kg-dry	1	7/9/2009 1:59:34 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	2.8		160	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Acenaphthylene	NELAP	2.8		17	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Anthracene	NELAP	2.8		86	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Benzo(a)anthracene	NELAP	2.8		49	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Benzo(a)pyrene	NELAP	2.8		44	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Benzo(b)fluoranthene	NELAP	2.8		39	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	2.8		21	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Benzo(k)fluoranthene	NELAP	2.8		13	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	55		ND	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Chrysene	NELAP	2.8		49	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	2.8		5.5	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Fluoranthene	NELAP	2.8		110	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Fluorene	NELAP	2.8		65	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	2.8		17	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Naphthalene	NELAP	2.8		340	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Phenanthrene	NELAP	2.8		260	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Pyrene	NELAP	2.8		150	mg/Kg-dry	100	7/9/2009 11:59:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		72.0	%REC	100	7/9/2009 11:59:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		104.0	%REC	100	7/9/2009 11:59:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		84.0	%REC	100	7/9/2009 11:59:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
1,2-Dichlorobenzene	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
1,3-Dichlorobenzene	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
1,4-Dichlorobenzene	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-002  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (3)  
**Collection Date:** 7/7/2009 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2,4-Dichlorophenol	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2,4-Dimethylphenol	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2,4-Dinitrophenol	NELAP	82.5		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2,4-Dinitrotoluene	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2,6-Dinitrotoluene	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2-Chloronaphthalene	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2-Chlorophenol	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2-Methoxy-4-methylphenol		53.6		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2-Methylnaphthalene	NELAP	28.9		207	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2-Nitroaniline	NELAP	82.5		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
2-Nitrophenol	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
3-Nitroaniline	NELAP	82.5		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	82.5		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
4-Chloroaniline	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
4-Nitroaniline	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
4-Nitrophenol	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Aniline	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Azobenzene		28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Benzidine	NELAP	87.1		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Benzoic acid	NELAP	124		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Benzyl alcohol	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Butyl benzyl phthalate	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Carbazole		41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Dibenzofuran	NELAP	28.9	J	14	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Diethyl phthalate	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Dimethyl phthalate	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Di-n-butyl phthalate	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Di-n-octyl phthalate	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Hexachlorobenzene	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-002  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (3)  
**Collection Date:** 7/7/2009 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Hexachloroethane	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Isophorone	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
m,p-Cresol	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Nitrobenzene	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
N-Nitrosodimethylamine	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
o-Cresol	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Pentachlorophenol	NELAP	165		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Phenol	NELAP	28.9		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Pyridine	NELAP	41.2		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
1,2-Diphenylhydrazine		69.3		ND	mg/Kg-dry	10	7/8/2009 11:59:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		77.2	%REC	10	7/8/2009 11:59:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		92.6	%REC	10	7/8/2009 11:59:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		72.7	%REC	10	7/8/2009 11:59:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		79.7	%REC	10	7/8/2009 11:59:00 PM	DMH
Surr: Phenol-d5		34.9-110		77.2	%REC	10	7/8/2009 11:59:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		79.0	%REC	10	7/8/2009 11:59:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1,1-Trichloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1,2-Trichloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1-Dichloro-2-propanone		977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1-Dichloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1-Dichloroethene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,1-Dichloropropene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2,3-Trichloropropane	NELAP	195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2,3-Trimethylbenzene		97700	J	29000	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	97700	J	76000	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2-Dibromoethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2-Dichlorobenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-002  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (3)  
**Collection Date:** 7/7/2009 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,2-Dichloropropane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,3-Dichlorobenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,3-Dichloropropane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1,4-Dichlorobenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
1-Chlorobutane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
2,2-Dichloropropane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
2-Butanone	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
2-Chlorotoluene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
2-Hexanone	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
2-Nitropropane	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
4-Chlorotoluene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
4-Methyl-2-pentanone	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Acetone	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Acrolein	NELAP	1950000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Acrylonitrile	NELAP	195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Allyl chloride	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Benzene	NELAP	19500		154000	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Bromobenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Bromochloromethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Bromodichloromethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Bromoform	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Bromomethane	NELAP	195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Carbon disulfide	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Carbon tetrachloride	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Chlorobenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Chloroethane	NELAP	195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Chloroform	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Chloromethane	NELAP	195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	78200		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Cyclohexanone		1950000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Dibromochloromethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Dibromomethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Dichlorodifluoromethane	NELAP	195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Ethyl acetate	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Ethyl ether	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-002  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (3)  
**Collection Date:** 7/7/2009 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Ethylbenzene	NELAP	97700	J	72000	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Heptane		391000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Hexachlorobutadiene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Hexachloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Iodomethane	NELAP	195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Isopropylbenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
m,p-Xylenes	NELAP	97700	J	50000	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Methacrylonitrile	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Methyl Methacrylate	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Methyl tert-butyl ether	NELAP	39100		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Methylacrylate		195000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Methylene chloride	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Naphthalene	NELAP	195000		1450000	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
n-Butylbenzene	NELAP	97700	J	40000	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
n-Hexane		391000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Nitrobenzene	NELAP	1950000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
n-Propylbenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
o-Xylene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Pentachloroethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
p-Isopropyltoluene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Propionitrile	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
sec-Butylbenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Styrene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
tert-Butylbenzene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Tetrachloroethene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Tetrahydrofuran	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Toluene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	78200		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Trichloroethene	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Trichlorofluoromethane	NELAP	97700		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Vinyl acetate	NELAP	977000		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Vinyl chloride	NELAP	39100		ND	µg/Kg-dry	5000	7/9/2009 4:18:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		101.8	%REC	5000	7/9/2009 4:18:00 AM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		102.3	%REC	5000	7/9/2009 4:18:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		100.4	%REC	5000	7/9/2009 4:18:00 AM	RWE
Surr: Toluene-d8		80.1-122		99.5	%REC	5000	7/9/2009 4:18:00 AM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP**WorkOrder:** 09070337**Lab ID:** 09070337-002**Report Date:** 09-Jul-09**Client Project:** A831-735002-012901-225/Ameren C**Client Sample ID:** P1-A3-W (3)**Collection Date:** 7/7/2009 8:50:00 AM**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 7471A</b>								
Mercury	NELAP	0.014		<b>0.096</b>	mg/Kg-dry	1	7/8/2009	ALU

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol were above QC limits in the CCV. Samples were below the reporting limit, data is reportable.

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-003  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (10)  
**Collection Date:** 7/7/2009 8:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst	
<b><u>ASTM D2974</u></b>									
Percent Moisture		0.1		24.9	%	1	7/8/2009 5:00:00 PM	MAB	
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>									
Total Solids		0.1		75.1	%	1	7/8/2009 5:00:00 PM	MAB	
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>									
Arsenic	NELAP	2.36		< 2.36	mg/Kg-dry	1	7/9/2009 1:50:35 PM	LAL	
Barium	NELAP	0.47		110	mg/Kg-dry	1	7/9/2009 1:50:35 PM	LAL	
Cadmium	NELAP	0.19		0.55	mg/Kg-dry	1	7/9/2009 1:50:35 PM	LAL	
Chromium	NELAP	0.94		27.6	mg/Kg-dry	1	7/9/2009 1:50:35 PM	LAL	
Lead	NELAP	3.77		17.6	mg/Kg-dry	1	7/9/2009 1:50:35 PM	LAL	
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	7/9/2009 1:50:35 PM	LAL	
<b><u>SW-846 3050B, METALS BY GFAA</u></b>									
Selenium	7740	NELAP	0.588	J	0.39	mg/Kg-dry	1	7/9/2009 2:02:54 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
Acenaphthene	NELAP	0.45		28	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Acenaphthylene	NELAP	0.45		2.2	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Anthracene	NELAP	0.45		12	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Benzo(a)anthracene	NELAP	0.45		6.4	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Benzo(a)pyrene	NELAP	0.45		5.7	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Benzo(b)fluoranthene	NELAP	0.45		4.6	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Benzo(g,h,i)perylene	NELAP	0.45		2.6	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Benzo(k)fluoranthene	NELAP	0.45		1.6	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Bis(2-ethylhexyl)phthalate	NELAP	8.8		ND	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Chrysene	NELAP	0.45		6.3	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Dibenzo(a,h)anthracene	NELAP	0.45		0.65	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Fluoranthene	NELAP	0.45		15	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Fluorene	NELAP	0.45		13	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Indeno(1,2,3-cd)pyrene	NELAP	0.45		2.0	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Naphthalene	NELAP	0.45		73	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Phenanthrene	NELAP	0.45		40	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Pyrene	NELAP	0.45		20	mg/Kg-dry	100	7/9/2009 12:34:00 PM	MAV	
Surr: 2-Fluorobiphenyl		10-131		84.0	%REC	100	7/9/2009 12:34:00 PM	MAV	
Surr: Nitrobenzene-d5		10-132		80.0	%REC	100	7/9/2009 12:34:00 PM	MAV	
Surr: p-Terphenyl-d14		30.6-131		96.0	%REC	100	7/9/2009 12:34:00 PM	MAV	
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
1,2,4-Trichlorobenzene	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH	
1,2-Dichlorobenzene	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH	
1,3-Dichlorobenzene	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH	
1,4-Dichlorobenzene	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH	

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-003  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (10)  
**Collection Date:** 7/7/2009 8:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
2,4,5-Trichlorophenol	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2,4-Dichlorophenol	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2,4-Dimethylphenol	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2,4-Dinitrophenol	NELAP	6.59		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2,4-Dinitrotoluene	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2,6-Dinitrotoluene	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2-Chloronaphthalene	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2-Chlorophenol	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2-Methoxy-4-methylphenol		4.28		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2-Methylnaphthalene	NELAP	2.31		28.4	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2-Nitroaniline	NELAP	6.59		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
2-Nitrophenol	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
3-Nitroaniline	NELAP	6.59		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	6.59		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
4-Chloroaniline	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
4-Nitroaniline	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
4-Nitrophenol	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Aniline	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Azobenzene		2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Benzidine	NELAP	6.96		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Benzoic acid	NELAP	9.89		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Benzyl alcohol	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Butyl benzyl phthalate	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Carbazole		3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Dibenzofuran	NELAP	2.31		2.71	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Diethyl phthalate	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Dimethyl phthalate	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Di-n-butyl phthalate	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Di-n-octyl phthalate	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Hexachlorobenzene	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-003  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (10)  
**Collection Date:** 7/7/2009 8:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Hexachloroethane	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Isophorone	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
m,p-Cresol	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Nitrobenzene	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
N-Nitrosodimethylamine	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
o-Cresol	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Pentachlorophenol	NELAP	13.2		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Phenol	NELAP	2.31		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Pyridine	NELAP	3.30		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
1,2-Diphenylhydrazine		5.54		ND	mg/Kg-dry	5	7/9/2009 12:29:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		97.3	%REC	5	7/9/2009 12:29:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		102.0	%REC	5	7/9/2009 12:29:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		79.0	%REC	5	7/9/2009 12:29:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		88.0	%REC	5	7/9/2009 12:29:00 AM	DMH
Surr: Phenol-d5		34.9-110		82.8	%REC	5	7/9/2009 12:29:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		88.0	%REC	5	7/9/2009 12:29:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1,1-Trichloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1,2-Trichloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1-Dichloro-2-propanone		15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1-Dichloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1-Dichloroethene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,1-Dichloropropene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2,3-Trichloropropane	NELAP	3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2,3-Trimethylbenzene		1540	J	350	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	1540	J	850	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2-Dibromoethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2-Dichlorobenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-003  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (10)  
**Collection Date:** 7/7/2009 8:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2-Dichloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,2-Dichloropropane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,3-Dichlorobenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,3-Dichloropropane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1,4-Dichlorobenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
1-Chlorobutane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
2,2-Dichloropropane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
2-Butanone	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
2-Chlorotoluene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
2-Hexanone	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
2-Nitropropane	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
4-Chlorotoluene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
4-Methyl-2-pentanone	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Acetone	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Acrolein	NELAP	30800		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Acrylonitrile	NELAP	3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Allyl chloride	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Benzene	NELAP	308		860	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Bromobenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Bromochloromethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Bromodichloromethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Bromoform	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Bromomethane	NELAP	3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Carbon disulfide	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Carbon tetrachloride	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Chlorobenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Chloroethane	NELAP	3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Chloroform	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Chloromethane	NELAP	3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	1230		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Cyclohexanone		30800		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Dibromochloromethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Dibromomethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Dichlorodifluoromethane	NELAP	3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Ethyl acetate	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Ethyl ether	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-003  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (10)  
**Collection Date:** 7/7/2009 8:59:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Ethylbenzene	NELAP	1540		1830	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Heptane		6170		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Hexachlorobutadiene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Hexachloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Iodomethane	NELAP	3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Isopropylbenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
m,p-Xylenes	NELAP	1540	J	420	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Methacrylonitrile	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Methyl Methacrylate	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Methyl tert-butyl ether	NELAP	617		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Methylacrylate		3080		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Methylene chloride	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Naphthalene	NELAP	3080		21100	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
n-Butylbenzene	NELAP	1540	J	540	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
n-Hexane		6170		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Nitrobenzene	NELAP	30800		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
n-Propylbenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
o-Xylene	NELAP	1540	J	530	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Pentachloroethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
p-Isopropyltoluene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Propionitrile	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
sec-Butylbenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Styrene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
tert-Butylbenzene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Tetrachloroethene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Tetrahydrofuran	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Toluene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	1230		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Trichloroethene	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Trichlorofluoromethane	NELAP	1540		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Vinyl acetate	NELAP	15400		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Vinyl chloride	NELAP	617		ND	µg/Kg-dry	125	7/9/2009 11:30:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		101.6	%REC	125	7/9/2009 11:30:00 AM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		99.9	%REC	125	7/9/2009 11:30:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		100.0	%REC	125	7/9/2009 11:30:00 AM	RWE
Surr: Toluene-d8		80.1-122		99.2	%REC	125	7/9/2009 11:30:00 AM	RWE

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-003  
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**Client Project:** A831-735002-012901-225/Ameren C  
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**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 7471A</b>								
Mercury	NELAP	0.013		<b>0.063</b>	mg/Kg-dry	1	7/8/2009	ALU

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol were above QC limits in the CCV. Samples were below the reporting limit, data is reportable.

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-004  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (20)  
**Collection Date:** 7/7/2009 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		11.7	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.3	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.27	J	1.2	mg/Kg-dry	1	7/9/2009 2:10:46 PM	LAL
Barium	NELAP	0.45		102	mg/Kg-dry	1	7/9/2009 2:10:46 PM	LAL
Cadmium	NELAP	0.18		0.55	mg/Kg-dry	1	7/9/2009 2:10:46 PM	LAL
Chromium	NELAP	0.91		18.7	mg/Kg-dry	1	7/9/2009 2:10:46 PM	LAL
Lead	NELAP	3.64		65.0	mg/Kg-dry	1	7/9/2009 2:10:46 PM	LAL
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	7/9/2009 2:10:46 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.577	0.933	mg/Kg-dry	1	7/9/2009 2:06:16 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.97		9.7	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Acenaphthylene	NELAP	0.97		30	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Anthracene	NELAP	0.97		22	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Benzo(a)anthracene	NELAP	0.97		11	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Benzo(a)pyrene	NELAP	0.97		10	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.97		8.0	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.97		4.4	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.97		2.7	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	19		ND	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Chrysene	NELAP	0.97		12	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.97		1.1	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Fluoranthene	NELAP	0.97		24	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Fluorene	NELAP	0.97		24	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.97		3.2	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Naphthalene	NELAP	0.97		170	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Phenanthrene	NELAP	0.97		79	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Pyrene	NELAP	0.97		35	mg/Kg-dry	250	7/9/2009 1:10:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		70.0	%REC	250	7/9/2009 1:10:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		70.0	%REC	250	7/9/2009 1:10:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		80.0	%REC	250	7/9/2009 1:10:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
1,2-Dichlorobenzene	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
1,3-Dichlorobenzene	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
1,4-Dichlorobenzene	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-004  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (20)  
**Collection Date:** 7/7/2009 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
2,4,5-Trichlorophenol	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2,4-Dichlorophenol	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2,4-Dimethylphenol	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2,4-Dinitrophenol	NELAP	11.5		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2,4-Dinitrotoluene	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2,6-Dinitrotoluene	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2-Chloronaphthalene	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2-Chlorophenol	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2-Methoxy-4-methylphenol		7.44		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2-Methylnaphthalene	NELAP	10.0		84.8	mg/Kg-dry	25	7/9/2009 11:32:00 AM	DMH
2-Nitroaniline	NELAP	11.5		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
2-Nitrophenol	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
3-Nitroaniline	NELAP	11.5		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	11.5		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
4-Chloroaniline	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
4-Nitroaniline	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
4-Nitrophenol	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Aniline	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Azobenzene		4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Benzidine	NELAP	12.1		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Benzoic acid	NELAP	17.2		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Benzyl alcohol	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Butyl benzyl phthalate	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Carbazole		5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Dibenzofuran	NELAP	4.01	J	3.9	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Diethyl phthalate	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Dimethyl phthalate	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Di-n-butyl phthalate	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Di-n-octyl phthalate	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Hexachlorobenzene	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

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**WorkOrder:** 09070337  
**Lab ID:** 09070337-004  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (20)  
**Collection Date:** 7/7/2009 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Hexachloroethane	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Isophorone	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
m,p-Cresol	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Nitrobenzene	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
N-Nitrosodimethylamine	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
o-Cresol	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Pentachlorophenol	NELAP	22.9		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Phenol	NELAP	4.01		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Pyridine	NELAP	5.73		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
1,2-Diphenylhydrazine		9.62		ND	mg/Kg-dry	10	7/9/2009 1:00:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		37.1	%REC	10	7/9/2009 1:00:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		87.8	%REC	10	7/9/2009 1:00:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		64.5	%REC	10	7/9/2009 1:00:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		68.7	%REC	10	7/9/2009 1:00:00 AM	DMH
Surr: Phenol-d5		34.9-110		71.9	%REC	10	7/9/2009 1:00:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		71.1	%REC	10	7/9/2009 1:00:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1,1-Trichloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1,2-Trichloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1-Dichloro-2-propanone		67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1-Dichloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1-Dichloroethene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,1-Dichloropropene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2,3-Trichloropropane	NELAP	13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2,3-Trimethylbenzene		6720	J	3100	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	6720		9330	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2-Dibromoethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2-Dichlorobenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE

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## LABORATORY RESULTS

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**Lab ID:** 09070337-004  
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**Client Sample ID:** P1-A3-W (20)  
**Collection Date:** 7/7/2009 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,2-Dichloropropane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	6720	J	2800	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,3-Dichlorobenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,3-Dichloropropane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1,4-Dichlorobenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
1-Chlorobutane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
2,2-Dichloropropane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
2-Butanone	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
2-Chlorotoluene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
2-Hexanone	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
2-Nitropropane	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
4-Chlorotoluene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
4-Methyl-2-pentanone	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Acetone	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Acrolein	NELAP	134000		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Acrylonitrile	NELAP	13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Allyl chloride	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Benzene	NELAP	1340		9720	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Bromobenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Bromochloromethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Bromodichloromethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Bromoform	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Bromomethane	NELAP	13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Carbon disulfide	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Carbon tetrachloride	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Chlorobenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Chloroethane	NELAP	13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Chloroform	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Chloromethane	NELAP	13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	5380		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Cyclohexanone		134000		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Dibromochloromethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Dibromomethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Dichlorodifluoromethane	NELAP	13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Ethyl acetate	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Ethyl ether	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE

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Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Ethylbenzene	NELAP	6720	J	5100	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Heptane		26900		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Hexachlorobutadiene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Hexachloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Iodomethane	NELAP	13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Isopropylbenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
m,p-Xylenes	NELAP	6720		18000	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Methacrylonitrile	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Methyl Methacrylate	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Methyl tert-butyl ether	NELAP	2690		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Methylacrylate		13400		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Methylene chloride	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Naphthalene	NELAP	13400		205000	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
n-Butylbenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
n-Hexane		26900		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Nitrobenzene	NELAP	134000		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
n-Propylbenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
o-Xylene	NELAP	6720		8010	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Pentachloroethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
p-Isopropyltoluene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Propionitrile	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
sec-Butylbenzene	NELAP	6720	J	6700	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Styrene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
tert-Butylbenzene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Tetrachloroethene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Tetrahydrofuran	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Toluene	NELAP	6720		14000	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	5380		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Trichloroethene	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Trichlorofluoromethane	NELAP	6720		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Vinyl acetate	NELAP	67200		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Vinyl chloride	NELAP	2690		ND	µg/Kg-dry	500	7/9/2009 11:56:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		100.3	%REC	500	7/9/2009 11:56:00 AM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		98.1	%REC	500	7/9/2009 11:56:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		99.2	%REC	500	7/9/2009 11:56:00 AM	RWE
Surr: Toluene-d8		80.1-122		101.0	%REC	500	7/9/2009 11:56:00 AM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-004  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A3-W (20)  
**Collection Date:** 7/7/2009 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011		<b>0.011</b>	mg/Kg-dry	1	7/8/2009	ALU

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol were above QC limits in the CCV. Samples were below the reporting limit, data is reportable.

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-005  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (3)  
**Collection Date:** 7/7/2009 1:44:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		28.2	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		71.8	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36	J	1.3	mg/Kg-dry	1	7/9/2009 2:17:18 PM	LAL
Barium	NELAP	0.47		92.5	mg/Kg-dry	1	7/9/2009 2:17:18 PM	LAL
Cadmium	NELAP	0.19		0.83	mg/Kg-dry	1	7/9/2009 2:17:18 PM	LAL
Chromium	NELAP	0.94		19.9	mg/Kg-dry	1	7/9/2009 2:17:18 PM	LAL
Lead	NELAP	3.77		19.8	mg/Kg-dry	1	7/9/2009 2:17:18 PM	LAL
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	7/9/2009 2:17:18 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	3.78	mg/Kg-dry	1	7/9/2009 2:09:38 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.0047		0.31	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Acenaphthylene	NELAP	0.0047		0.12	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Anthracene	NELAP	0.0047		0.21	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Benzo(a)anthracene	NELAP	0.0047		0.22	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Benzo(a)pyrene	NELAP	0.0047		0.30	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.0047		0.25	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.0047		0.18	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.0047		0.087	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.092		ND	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Chrysene	NELAP	0.0047		0.24	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.0047		0.044	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Fluoranthene	NELAP	0.0047		0.37	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Fluorene	NELAP	0.0047		0.16	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.0047		0.14	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Naphthalene	NELAP	0.0047		0.38	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Phenanthrene	NELAP	0.0047		0.48	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Pyrene	NELAP	0.0047		0.49	mg/Kg-dry	1	7/9/2009 1:45:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		60.2	%REC	1	7/9/2009 1:45:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		73.8	%REC	1	7/9/2009 1:45:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		88.0	%REC	1	7/9/2009 1:45:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-005  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (3)  
**Collection Date:** 7/7/2009 1:44:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
2,4,5-Trichlorophenol	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.37		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2-Chloronaphthalene	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2-Chlorophenol	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2-Methoxy-4-methylphenol		0.891		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2-Methylnaphthalene	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2-Nitroaniline	NELAP	1.37		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
2-Nitrophenol	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
3-Nitroaniline	NELAP	1.37		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.37		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
4-Chloroaniline	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
4-Nitroaniline	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
4-Nitrophenol	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Aniline	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Azobenzene		0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Benzidine	NELAP	1.45		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Benzoic acid	NELAP	2.06		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Benzyl alcohol	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Carbazole		0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Dibenzofuran	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Diethyl phthalate	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Dimethyl phthalate	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Hexachlorobenzene	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-005  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (3)  
**Collection Date:** 7/7/2009 1:44:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Hexachloroethane	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Isophorone	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
m,p-Cresol	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Nitrobenzene	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
o-Cresol	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Pentachlorophenol	NELAP	2.74		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Phenol	NELAP	0.480		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Pyridine	NELAP	0.685		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
1,2-Diphenylhydrazine		1.15		ND	mg/Kg-dry	1	7/9/2009 1:30:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		85.5	%REC	1	7/9/2009 1:30:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		81.7	%REC	1	7/9/2009 1:30:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		68.7	%REC	1	7/9/2009 1:30:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		68.5	%REC	1	7/9/2009 1:30:00 AM	DMH
Surr: Phenol-d5		34.9-110		75.4	%REC	1	7/9/2009 1:30:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		77.2	%REC	1	7/9/2009 1:30:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1,1-Trichloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1,2-Trichloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1-Dichloro-2-propanone		1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1-Dichloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1-Dichloroethene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,1-Dichloropropene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2,3-Trichloropropane	NELAP	319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2,3-Trimethylbenzene		160	J	140	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	160		203	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2-Dibromoethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2-Dichlorobenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-005  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (3)  
**Collection Date:** 7/7/2009 1:44:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,2-Dichloropropane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	160	J	87	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,3-Dichlorobenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,3-Dichloropropane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1,4-Dichlorobenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
1-Chlorobutane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
2,2-Dichloropropane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
2-Butanone	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
2-Chlorotoluene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
2-Hexanone	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
2-Nitropropane	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
4-Chlorotoluene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
4-Methyl-2-pentanone	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Acetone	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Acrolein	NELAP	3190		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Acrylonitrile	NELAP	319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Allyl chloride	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Benzene	NELAP	31.9		115	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Bromobenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Bromochloromethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Bromodichloromethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Bromoform	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Bromomethane	NELAP	319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Carbon disulfide	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Carbon tetrachloride	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Chlorobenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Chloroethane	NELAP	319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Chloroform	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Chloromethane	NELAP	319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	128		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Cyclohexanone		3190		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Dibromochloromethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Dibromomethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Dichlorodifluoromethane	NELAP	319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Ethyl acetate	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Ethyl ether	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-005  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (3)  
**Collection Date:** 7/7/2009 1:44:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Ethylbenzene	NELAP	160		207	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Heptane		639		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Hexachlorobutadiene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Hexachloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Iodomethane	NELAP	319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Isopropylbenzene	NELAP	160	J	99	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
m,p-Xylenes	NELAP	160		194	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Methacrylonitrile	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Methyl Methacrylate	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Methyl tert-butyl ether	NELAP	63.9		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Methylacrylate		319		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Methylene chloride	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Naphthalene	NELAP	1280		12600	µg/Kg-dry	50	7/9/2009 10:05:00 AM	RWE
n-Butylbenzene	NELAP	160		197	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
n-Hexane		639		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Nitrobenzene	NELAP	3190		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
n-Propylbenzene	NELAP	160	J	90	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
o-Xylene	NELAP	160	J	120	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Pentachloroethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
p-Isopropyltoluene	NELAP	160	J	57	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Propionitrile	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
sec-Butylbenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Styrene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
tert-Butylbenzene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Tetrachloroethene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Tetrahydrofuran	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Toluene	NELAP	160	J	47	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	128		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Trichloroethene	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Trichlorofluoromethane	NELAP	160		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Vinyl acetate	NELAP	1600		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Vinyl chloride	NELAP	63.9		ND	µg/Kg-dry	12.5	7/9/2009 2:58:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		111.2	%REC	12.5	7/9/2009 2:58:00 AM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		105.0	%REC	12.5	7/9/2009 2:58:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		109.4	%REC	12.5	7/9/2009 2:58:00 AM	RWE
Surr: Toluene-d8		80.1-122		91.9	%REC	12.5	7/9/2009 2:58:00 AM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP**WorkOrder:** 09070337**Lab ID:** 09070337-005**Report Date:** 09-Jul-09**Client Project:** A831-735002-012901-225/Ameren C**Client Sample ID:** P1-A4-W (3)**Collection Date:** 7/7/2009 1:44:00 PM**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>SW-846 7471A</u>								
Mercury	NELAP	0.013		<b>0.048</b>	mg/Kg-dry	1	7/8/2009	ALU

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol were above QC limits in the CCV. Samples were below the reporting limit, data is reportable.

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-006  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (8)  
**Collection Date:** 7/7/2009 1:55:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		26.8	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		73.2	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		5.05	mg/Kg-dry	1	7/9/2009 2:24:05 PM	LAL
Barium	NELAP	0.48		15.3	mg/Kg-dry	1	7/9/2009 2:24:05 PM	LAL
Cadmium	NELAP	0.19		0.28	mg/Kg-dry	1	7/9/2009 2:24:05 PM	LAL
Chromium	NELAP	0.96		16.2	mg/Kg-dry	1	7/9/2009 2:24:05 PM	LAL
Lead	NELAP	3.85		11.0	mg/Kg-dry	1	7/9/2009 2:24:05 PM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/9/2009 2:24:05 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.556	< 0.556	mg/Kg-dry	1	7/9/2009 2:13:02 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.46		37	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Acenaphthylene	NELAP	0.46		3.7	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Anthracene	NELAP	0.46		17	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Benzo(a)anthracene	NELAP	0.46		8.2	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Benzo(a)pyrene	NELAP	0.46		8.4	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.46		6.3	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.46		3.6	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.46		2.1	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	9.1		ND	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Chrysene	NELAP	0.46		8.5	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.46		0.92	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Fluoranthene	NELAP	0.46		19	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Fluorene	NELAP	0.46		14	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.46		2.8	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Naphthalene	NELAP	0.46		65	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Phenanthrene	NELAP	0.46		54	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Pyrene	NELAP	0.46		27	mg/Kg-dry	100	7/9/2009 2:20:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		72.0	%REC	100	7/9/2009 2:20:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		64.0	%REC	100	7/9/2009 2:20:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		88.0	%REC	100	7/9/2009 2:20:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
1,2-Dichlorobenzene	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
1,3-Dichlorobenzene	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
1,4-Dichlorobenzene	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-006  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (8)  
**Collection Date:** 7/7/2009 1:55:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2,4-Dichlorophenol	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2,4-Dimethylphenol	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2,4-Dinitrophenol	NELAP	13.6		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2,4-Dinitrotoluene	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2,6-Dinitrotoluene	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2-Chloronaphthalene	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2-Chlorophenol	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2-Methoxy-4-methylphenol		8.86		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2-Methylnaphthalene	NELAP	4.77		44.5	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2-Nitroaniline	NELAP	13.6		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
2-Nitrophenol	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
3-Nitroaniline	NELAP	13.6		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	13.6		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
4-Chloroaniline	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
4-Nitroaniline	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
4-Nitrophenol	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Aniline	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Azobenzene		4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Benzidine	NELAP	14.4		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Benzoic acid	NELAP	20.4		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Benzyl alcohol	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Butyl benzyl phthalate	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Carbazole		6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Dibenzofuran	NELAP	4.77	J	3.1	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Diethyl phthalate	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Dimethyl phthalate	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Di-n-butyl phthalate	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Di-n-octyl phthalate	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Hexachlorobenzene	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-006  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (8)  
**Collection Date:** 7/7/2009 1:55:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Hexachloroethane	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Isophorone	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
m,p-Cresol	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Nitrobenzene	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
N-Nitrosodimethylamine	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
o-Cresol	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Pentachlorophenol	NELAP	27.3		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Phenol	NELAP	4.77		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Pyridine	NELAP	6.81		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
1,2-Diphenylhydrazine		11.4		ND	mg/Kg-dry	10	7/9/2009 2:01:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		62.9	%REC	10	7/9/2009 2:01:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		106.6	%REC	10	7/9/2009 2:01:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		80.4	%REC	10	7/9/2009 2:01:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		87.0	%REC	10	7/9/2009 2:01:00 AM	DMH
Surr: Phenol-d5		34.9-110		89.0	%REC	10	7/9/2009 2:01:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		85.0	%REC	10	7/9/2009 2:01:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1,1-Trichloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1,2-Trichloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1-Dichloro-2-propanone		13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1-Dichloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1-Dichloroethene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,1-Dichloropropene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2,3-Trichloropropane	NELAP	2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2,3-Trimethylbenzene		1350	J	470	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	1350	J	1300	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2-Dibromoethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2-Dichlorobenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-006  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (8)  
**Collection Date:** 7/7/2009 1:55:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,2-Dichloropropane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	1350	J	330	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,3-Dichlorobenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,3-Dichloropropane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1,4-Dichlorobenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
1-Chlorobutane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
2,2-Dichloropropane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
2-Butanone	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
2-Chlorotoluene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
2-Hexanone	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
2-Nitropropane	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
4-Chlorotoluene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
4-Methyl-2-pentanone	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Acetone	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Acrolein	NELAP	27000		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Acrylonitrile	NELAP	2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Allyl chloride	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Benzene	NELAP	270		1890	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Bromobenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Bromochloromethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Bromodichloromethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Bromoform	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Bromomethane	NELAP	2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Carbon disulfide	NELAP	1350	J	1200	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Carbon tetrachloride	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Chlorobenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Chloroethane	NELAP	2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Chloroform	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Chloromethane	NELAP	2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	1080		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Cyclohexanone		27000		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Dibromochloromethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Dibromomethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Dichlorodifluoromethane	NELAP	2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Ethyl acetate	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Ethyl ether	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-006  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (8)  
**Collection Date:** 7/7/2009 1:55:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Ethylbenzene	NELAP	1350		3830	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Heptane		5410		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Hexachlorobutadiene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Hexachloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Iodomethane	NELAP	2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Isopropylbenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
m,p-Xylenes	NELAP	1350		1570	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Methacrylonitrile	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Methyl Methacrylate	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Methyl tert-butyl ether	NELAP	541		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Methylacrylate		2700		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Methylene chloride	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Naphthalene	NELAP	2700		50900	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
n-Butylbenzene	NELAP	1350	J	620	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
n-Hexane		5410		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Nitrobenzene	NELAP	27000		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
n-Propylbenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
o-Xylene	NELAP	1350	J	1000	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Pentachloroethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
p-Isopropyltoluene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Propionitrile	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
sec-Butylbenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Styrene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
tert-Butylbenzene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Tetrachloroethene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Tetrahydrofuran	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Toluene	NELAP	1350	J	410	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	1080		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Trichloroethene	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Trichlorofluoromethane	NELAP	1350		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Vinyl acetate	NELAP	13500		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Vinyl chloride	NELAP	541		ND	µg/Kg-dry	125	7/9/2009 2:24:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		92.6	%REC	125	7/9/2009 2:24:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		99.2	%REC	125	7/9/2009 2:24:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		96.8	%REC	125	7/9/2009 2:24:00 PM	JSA
Surr: Toluene-d8		80.1-122		100.7	%REC	125	7/9/2009 2:24:00 PM	JSA

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-006  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (8)  
**Collection Date:** 7/7/2009 1:55:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>SW-846 7471A</u>								
Mercury	NELAP	0.013		<b>0.059</b>	mg/Kg-dry	1	7/8/2009	ALU

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol were above QC limits in the CCV. Samples were below the reporting limit, data is reportable.

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-007  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (20)  
**Collection Date:** 7/7/2009 2:05:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		10.9	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.2	%	1	7/8/2009 5:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		6.59	mg/Kg-dry	1	7/9/2009 2:30:45 PM	LAL
Barium	NELAP	0.48		137	mg/Kg-dry	1	7/9/2009 2:30:45 PM	LAL
Cadmium	NELAP	0.19		0.60	mg/Kg-dry	1	7/9/2009 2:30:45 PM	LAL
Chromium	NELAP	0.96		15.0	mg/Kg-dry	1	7/9/2009 2:30:45 PM	LAL
Lead	NELAP	3.85		37.3	mg/Kg-dry	1	7/9/2009 2:30:45 PM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/9/2009 2:30:45 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.566	< 0.566	mg/Kg-dry	1	7/9/2009 2:16:24 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.96		23	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Acenaphthylene	NELAP	0.96		26	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Anthracene	NELAP	0.96		24	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Benzo(a)anthracene	NELAP	0.96		13	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Benzo(a)pyrene	NELAP	0.96		13	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.96		9.9	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.96		5.7	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.96		3.2	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	19		ND	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Chrysene	NELAP	0.96		14	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.96		1.4	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Fluoranthene	NELAP	0.96		27	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Fluorene	NELAP	0.96		33	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.96		4.3	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Naphthalene	NELAP	0.96		160	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Phenanthrene	NELAP	0.96		81	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Pyrene	NELAP	0.96		39	mg/Kg-dry	250	7/9/2009 2:56:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		80.0	%REC	250	7/9/2009 2:56:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		60.0	%REC	250	7/9/2009 2:56:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		80.0	%REC	250	7/9/2009 2:56:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	5.67	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
1,2-Dichlorobenzene	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
1,3-Dichlorobenzene	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
1,4-Dichlorobenzene	NELAP	5.67	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-007  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (20)  
**Collection Date:** 7/7/2009 2:05:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	3.97	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	3.97	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2,4-Dichlorophenol	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2,4-Dimethylphenol	NELAP	5.67	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2,4-Dinitrophenol	NELAP	11.3	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2,4-Dinitrotoluene	NELAP	3.97	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2,6-Dinitrotoluene	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2-Chloronaphthalene	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2-Chlorophenol	NELAP	5.67	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2-Methoxy-4-methylphenol		7.37		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2-Methylnaphthalene	NELAP	9.93		81.4	mg/Kg-dry	25	7/9/2009 12:03:00 PM	DMH
2-Nitroaniline	NELAP	11.3		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
2-Nitrophenol	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
3-Nitroaniline	NELAP	11.3		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	11.3		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	5.67	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
4-Chloroaniline	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
4-Nitroaniline	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
4-Nitrophenol	NELAP	3.97	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Aniline	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Azobenzene		3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Benzidine	NELAP	12.0		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Benzoic acid	NELAP	17.0		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Benzyl alcohol	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Butyl benzyl phthalate	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Carbazole		5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Dibenzofuran	NELAP	3.97		4.35	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Diethyl phthalate	NELAP	5.67	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Dimethyl phthalate	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Di-n-butyl phthalate	NELAP	3.97	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Di-n-octyl phthalate	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Hexachlorobenzene	NELAP	3.97	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-007  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (20)  
**Collection Date:** 7/7/2009 2:05:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	5.67	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Hexachloroethane	NELAP	5.67	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Isophorone	NELAP	3.97		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
m,p-Cresol	NELAP	5.67	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Nitrobenzene	NELAP	5.67	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
N-Nitrosodimethylamine	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	5.67	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	5.67		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
o-Cresol	NELAP	5.67	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Pentachlorophenol	NELAP	22.7	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Phenol	NELAP	3.97	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Pyridine	NELAP	5.67	S	ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
1,2-Diphenylhydrazine		9.53		ND	mg/Kg-dry	10	7/9/2009 2:31:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		44.9	%REC	10	7/9/2009 2:31:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116	S	91.0	%REC	10	7/9/2009 2:31:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		73.5	%REC	10	7/9/2009 2:31:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101	S	73.9	%REC	10	7/9/2009 2:31:00 AM	DMH
Surr: Phenol-d5		34.9-110		78.2	%REC	10	7/9/2009 2:31:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124	S	76.2	%REC	10	7/9/2009 2:31:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1,1-Trichloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1,2-Trichloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1-Dichloro-2-propanone		23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1-Dichloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1-Dichloroethene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,1-Dichloropropene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2,3-Trichloropropane	NELAP	4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2,3-Trimethylbenzene		2380	J	1200	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	2380		3430	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2-Dibromoethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2-Dichlorobenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-007  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (20)  
**Collection Date:** 7/7/2009 2:05:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,2-Dichloropropane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	2380	J	960	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,3-Dichlorobenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,3-Dichloropropane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1,4-Dichlorobenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
1-Chlorobutane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
2,2-Dichloropropane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
2-Butanone	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
2-Chlorotoluene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
2-Hexanone	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
2-Nitropropane	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
4-Chlorotoluene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
4-Methyl-2-pentanone	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Acetone	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Acrolein	NELAP	47600		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Acrylonitrile	NELAP	4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Allyl chloride	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Benzene	NELAP	476		8270	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Bromobenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Bromochloromethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Bromodichloromethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Bromoform	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Bromomethane	NELAP	4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Carbon disulfide	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Carbon tetrachloride	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Chlorobenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Chloroethane	NELAP	4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Chloroform	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Chloromethane	NELAP	4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	1910		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Cyclohexanone		47600		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Dibromochloromethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Dibromomethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Dichlorodifluoromethane	NELAP	4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Ethyl acetate	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Ethyl ether	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-007  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (20)  
**Collection Date:** 7/7/2009 2:05:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Ethylbenzene	NELAP	2380		2930	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Heptane		9530		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Hexachlorobutadiene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Hexachloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Iodomethane	NELAP	4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Isopropylbenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
m,p-Xylenes	NELAP	2380		5470	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Methacrylonitrile	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Methyl Methacrylate	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Methyl tert-butyl ether	NELAP	953		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Methylacrylate		4760		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Methylene chloride	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Naphthalene	NELAP	4760		101000	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
n-Butylbenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
n-Hexane		9530		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Nitrobenzene	NELAP	47600		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
n-Propylbenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
o-Xylene	NELAP	2380		2810	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Pentachloroethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
p-Isopropyltoluene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Propionitrile	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
sec-Butylbenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Styrene	NELAP	2380	J	1700	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
tert-Butylbenzene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Tetrachloroethene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Tetrahydrofuran	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Toluene	NELAP	2380		6370	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	1910		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Trichloroethene	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Trichlorofluoromethane	NELAP	2380		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Vinyl acetate	NELAP	23800		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Vinyl chloride	NELAP	953		ND	µg/Kg-dry	250	7/9/2009 2:50:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		93.4	%REC	250	7/9/2009 2:50:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		93.5	%REC	250	7/9/2009 2:50:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		96.8	%REC	250	7/9/2009 2:50:00 PM	JSA
Surr: Toluene-d8		80.1-122		101.3	%REC	250	7/9/2009 2:50:00 PM	JSA

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070337  
**Lab ID:** 09070337-007  
**Report Date:** 09-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A4-W (20)  
**Collection Date:** 7/7/2009 2:05:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	<b>0.009</b>	mg/Kg-dry	1	7/8/2009	ALU

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

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

2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol were above QC limits in the CCV. Samples were below the reporting limit, data is reportable.

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070337

**Report Date:** 09-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070337-001A	P1-A2-W (15)	7/6/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 3:56:51 PM	7/9/2009 10:15:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/8/2009 11:28:00 PM
09070337-001B				SW-846 3050B, 6010B, Metals by ICP	7/9/2009 7:09:25 AM	7/9/2009 1:37:24 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 1:42:40 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 2:37:34 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 2:54:36 PM
				SW-846 7471A	7/8/2009 4:30:00 PM	7/8/2009
09070337-001C				ASTM D2974		7/8/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/8/2009 5:00:00 PM
09070337-001F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/8/2009 1:24:01 PM	7/9/2009 11:03:00 AM
09070337-002A	P1-A3-W (3)	7/7/2009		SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 3:56:52 PM	7/9/2009 11:59:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/8/2009 11:59:00 PM
09070337-002B				SW-846 3050B, 6010B, Metals by ICP	7/9/2009 7:09:25 AM	7/9/2009 1:44:03 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 1:59:34 PM
				SW-846 7471A	7/8/2009 4:30:00 PM	7/8/2009
09070337-002C				ASTM D2974		7/8/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/8/2009 5:00:00 PM
09070337-002F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/8/2009 1:24:01 PM	7/9/2009 4:18:00 AM
09070337-003A	P1-A3-W (10)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 3:56:52 PM	7/9/2009 12:34:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/9/2009 12:29:00 AM
09070337-003B				SW-846 3050B, 6010B, Metals by ICP	7/9/2009 7:09:25 AM	7/9/2009 1:50:35 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 2:02:54 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070337

**Report Date:** 09-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070337-003B	P1-A3-W (10)	7/7/2009	Solid	SW-846 7471A	7/8/2009 4:30:00 PM	7/8/2009
09070337-003C				ASTM D2974		7/8/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/8/2009 5:00:00 PM
09070337-003F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/8/2009 1:24:01 PM	7/9/2009 11:30:00 AM
09070337-004A	P1-A3-W (20)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 3:56:52 PM	7/9/2009 1:10:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/9/2009 1:00:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/9/2009 11:32:00 AM
09070337-004B				SW-846 3050B, 6010B, Metals by ICP	7/9/2009 7:09:25 AM	7/9/2009 2:10:46 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 2:06:16 PM
				SW-846 7471A	7/8/2009 4:30:00 PM	7/8/2009
09070337-004C				ASTM D2974		7/8/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/8/2009 5:00:00 PM
09070337-004F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/8/2009 1:24:01 PM	7/9/2009 11:56:00 AM
09070337-005A	P1-A4-W (3)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 3:56:52 PM	7/9/2009 1:45:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/9/2009 1:30:00 AM
09070337-005B				SW-846 3050B, 6010B, Metals by ICP	7/9/2009 7:09:25 AM	7/9/2009 2:17:18 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 2:09:38 PM
				SW-846 7471A	7/8/2009 4:30:00 PM	7/8/2009
09070337-005C				ASTM D2974		7/8/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/8/2009 5:00:00 PM
09070337-005F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/8/2009 1:24:01 PM	7/9/2009 2:58:00 AM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/8/2009 1:24:01 PM	7/9/2009 10:05:00 AM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070337

**Report Date:** 09-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070337-006A	P1-A4-W (8)	7/7/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 3:56:52 PM	7/9/2009 2:20:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/9/2009 2:01:00 AM
09070337-006B				SW-846 3050B, 6010B, Metals by ICP	7/9/2009 7:09:25 AM	7/9/2009 2:24:05 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 2:13:02 PM
				SW-846 7471A	7/8/2009 4:30:00 PM	7/8/2009
09070337-006C				ASTM D2974		7/8/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/8/2009 5:00:00 PM
09070337-006F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/9/2009 11:52:16 AM	7/9/2009 2:24:00 PM
09070337-007A	P1-A4-W (20)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 3:56:52 PM	7/9/2009 2:56:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/9/2009 2:31:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/8/2009 4:05:19 PM	7/9/2009 12:03:00 PM
09070337-007B				SW-846 3050B, 6010B, Metals by ICP	7/9/2009 7:09:26 AM	7/9/2009 2:30:45 PM
				SW-846 3050B, Metals by GFAA	7/9/2009 7:08:09 AM	7/9/2009 2:16:24 PM
				SW-846 7471A	7/8/2009 4:30:00 PM	7/8/2009
09070337-007C				ASTM D2974		7/8/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/8/2009 5:00:00 PM
09070337-007F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/9/2009 11:52:16 AM	7/9/2009 2:50:00 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070337

**Report Date:** 09-Jul-09

Carrier: Kelly Klostermann

Received By: EC

Completed by: *Marvin L. Darling II*

Reviewed by: *Shelly A. Hennessy*

On:  
08-Jul-09  
Marvin L. Darling

On:  
08-Jul-09  
Shelly A. Hennessy

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 4.4
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <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** 09480

09070337

# 1 DAY

## Teklab, Inc. Courier Pick Up

Project Name: Amesbury Campground Project Mgr.: Pete Szazama  
 Project Number: 02403053 Cost Code: 600000

Sampler(s): L. HODSIE

Laboratory Name: Teklab  
 Location: Collinsville IL

Sample Number and (depth)	Date	Time	Matrix				Total Number of Containers	Analyses by Method Name and Number					Comments (Field PID)	Lab ID #'s	
			Soil	Water	Air	Wipes		Other *	VOCs (8260)	SVOCs (8270)	PAH (8270.5ms)	PCP/Metals			Total Cuprider
P1-A2-W (15)	7/6	1439	X				7	X	X	X	X	X	X	*Samples are not *	09070337-01
P1-A3-W (3)	7/7	0850	X				7	X	X	X	X	X	X		-02
P1-A3-W (10)	7/7	0859	X				7	X	X	X	X	X	X		-03
P1-A3-W (20)	7/7	0915	X				7	X	X	X	X	X	X		-04
P1-A4-W (3)	7/7	1344	X				7	X	X	X	X	X	X	*PUSH * (ALL)	-05
P1-A4-W (8)	7/7	1355	X				7	X	X	X	X	X	X		-06
P1-A4-W (20)	7/7	1405	X				7	X	X	X	X	X	X		-07

Laboratory Temperature upon Receipt  
41.4 CICE

**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: Pete Szazama, electronic copy to Leslie Hodsier  
 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: Leslie Hodsier Date: 7/8/09 Time: 0955  
Kelly Kattarman 7/8/09 1445

**Received by:**  
 Signature: Kelly Kattarman Date: 7/8/09 Time: 1445  
Leslie Hodsier 7/8/09 1445

July 20, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09070650

Dear Pete Sazama:

TEKLAB, INC received 5 samples on 7/16/2009 5:17:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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,

A handwritten signature in black ink that reads "Shelly A. Hennessy".

Shelly A. Hennessy  
Project Manager  
(618)344-1004 ex 36

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070650

**Report Date:** 20-Jul-09

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
09070650-001	P1-B5-F (25)	6	7/15/2009 1:48:00 PM
09070650-002	P1-B2-F (26)	6	7/16/2009 7:40:00 AM
09070650-003	P1-B2-F (28)	6	7/16/2009 7:50:00 AM
09070650-004	P1-B3.5-F (24)	6	7/16/2009 10:25:00 AM
09070650-005	P1-B3.5-F (26)	6	7/16/2009 10:30:00 AM

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09070650

**Report Date:** 20-Jul-09

**Cooler Receipt Temp:** 3.2 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 09070650

**Lab ID:** 09070650-001

**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C

**Client Sample ID:** P1-B5-F (25)

**Collection Date:** 7/15/2009 1:48:00 PM

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		10.7	%	1	7/17/2009 10:10:00 AM	JMT
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.3	%	1	7/17/2009 10:10:00 AM	JMT
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		5.15	mg/Kg-dry	1	7/19/2009 10:38:38 AM	LAL
Barium	NELAP	0.49		16.3	mg/Kg-dry	1	7/19/2009 10:38:38 AM	LAL
Cadmium	NELAP	0.20		0.24	mg/Kg-dry	1	7/19/2009 10:38:38 AM	LAL
Chromium	NELAP	0.98		13.0	mg/Kg-dry	1	7/19/2009 10:38:38 AM	LAL
Lead	NELAP	3.92		9.45	mg/Kg-dry	1	7/19/2009 10:38:38 AM	LAL
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	7/19/2009 10:38:38 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.556	< 0.556	mg/Kg-dry	1	7/19/2009 3:20:20 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Naphthalene	NELAP	0.004		0.020	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Phenanthrene	NELAP	0.004		0.007	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 2:38:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		63.8	%REC	1	7/17/2009 2:38:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		65.3	%REC	1	7/17/2009 2:38:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		69.8	%REC	1	7/17/2009 2:38:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
1,2-Dichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
1,3-Dichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
1,4-Dichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-001  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B5-F (25)  
**Collection Date:** 7/15/2009 1:48:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
2,4,5-Trichlorophenol	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
2,4-Dichlorophenol	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
2,4-Dimethylphenol	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
2,4-Dinitrophenol	NELAP	2.21		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
2-Chloronaphthalene	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
2-Chlorophenol	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
2-Methoxy-4-methylphenol		1.44		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
2-Methylnaphthalene	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
2-Nitroaniline	NELAP	2.21		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
2-Nitrophenol	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
3-Nitroaniline	NELAP	2.21		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	2.21		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
4-Chloroaniline	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
4-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
4-Nitrophenol	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Aniline	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Azobenzene		0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Benzidine	NELAP	2.34		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Benzoic acid	NELAP	3.32		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Benzyl alcohol	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Carbazole		1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Dibenzofuran	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Diethyl phthalate	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Dimethyl phthalate	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Hexachlorobenzene	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-001  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B5-F (25)  
**Collection Date:** 7/15/2009 1:48:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Hexachloroethane	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Isophorone	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
m,p-Cresol	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Nitrobenzene	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
N-Nitrosodimethylamine	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
o-Cresol	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Pentachlorophenol	NELAP	4.42		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Phenol	NELAP	0.774		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Pyridine	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
1,2-Diphenylhydrazine		1.86		ND	mg/Kg-dry	2	7/17/2009 3:15:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		60.7	%REC	2	7/17/2009 3:15:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		81.4	%REC	2	7/17/2009 3:15:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		69.8	%REC	2	7/17/2009 3:15:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		67.6	%REC	2	7/17/2009 3:15:00 PM	DMH
Surr: Phenol-d5		34.9-110		75.0	%REC	2	7/17/2009 3:15:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		67.6	%REC	2	7/17/2009 3:15:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,1,1-Trichloroethane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,1,2-Trichloroethane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,1-Dichloro-2-propanone		1150		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,1-Dichloroethane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,1-Dichloroethene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,1-Dichloropropene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,2,3-Trichloropropane	NELAP	230		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,2,3-Trimethylbenzene		115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,2-Dibromoethane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,2-Dichlorobenzene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070650

**Client Sample ID:** P1-B5-F (25)

**Lab ID:** 09070650-001

**Collection Date:** 7/15/2009 1:48:00 PM

**Report Date:** 20-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,2-Dichloropropane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,3-Dichlorobenzene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,3-Dichloropropane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1,4-Dichlorobenzene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
1-Chlorobutane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
2,2-Dichloropropane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
2-Butanone	NELAP	1150	J	280	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
2-Chlorotoluene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
2-Hexanone	NELAP	1150		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
2-Nitropropane	NELAP	1150		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
4-Chlorotoluene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
4-Methyl-2-pentanone	NELAP	1150		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Acetone	NELAP	1150		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Acrolein	NELAP	2300		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Acrylonitrile	NELAP	230		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Allyl chloride	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Benzene	NELAP	23.0		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Bromobenzene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Bromochloromethane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Bromodichloromethane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Bromoform	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Bromomethane	NELAP	230		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Carbon disulfide	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Carbon tetrachloride	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Chlorobenzene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Chloroethane	NELAP	230		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Chloroform	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Chloromethane	NELAP	230		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	91.8		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Cyclohexanone		2300		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Dibromochloromethane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Dibromomethane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Dichlorodifluoromethane	NELAP	230		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Ethyl acetate	NELAP	1150		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Ethyl ether	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-001  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B5-F (25)  
**Collection Date:** 7/15/2009 1:48:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Ethyl methacrylate	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Ethylbenzene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Heptane		459		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Hexachlorobutadiene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Hexachloroethane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Iodomethane	NELAP	230		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Isopropylbenzene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
m,p-Xylenes	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Methacrylonitrile	NELAP	1150		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Methyl Methacrylate	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Methyl tert-butyl ether	NELAP	45.9		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Methylacrylate		230		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Methylene chloride	NELAP	115	J	36	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Naphthalene	NELAP	230		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
n-Butylbenzene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
n-Hexane		459		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Nitrobenzene	NELAP	2300		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
n-Propylbenzene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
o-Xylene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Pentachloroethane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
p-Isopropyltoluene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Propionitrile	NELAP	1150		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
sec-Butylbenzene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Styrene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
tert-Butylbenzene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Tetrachloroethene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Tetrahydrofuran	NELAP	1150		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Toluene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	91.8		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Trichloroethene	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Trichlorofluoromethane	NELAP	115		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Vinyl acetate	NELAP	1150		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Vinyl chloride	NELAP	45.9		ND	µg/Kg-dry	12.5	7/17/2009 12:15:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		89.8	%REC	12.5	7/17/2009 12:15:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		86.2	%REC	12.5	7/17/2009 12:15:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		95.5	%REC	12.5	7/17/2009 12:15:00 PM	JSA
Surr: Toluene-d8		80.1-122		101.8	%REC	12.5	7/17/2009 12:15:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-001  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B5-F (25)  
**Collection Date:** 7/15/2009 1:48:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.009</b>	mg/Kg-dry	1	7/17/2009	JMW
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.519		<b>Interference</b>	mg/Kg-dry	1	7/17/2009 2:01:11 PM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.51		<b>&lt; 0.51</b>	mg/Kg-dry	1	7/17/2009 2:01:11 PM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070650

**Client Sample ID:** P1-B2-F (26)

**Lab ID:** 09070650-002

**Collection Date:** 7/16/2009 7:40:00 AM

**Report Date:** 20-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		11.2	%	1	7/17/2009 10:10:00 AM	JMT
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.8	%	1	7/17/2009 10:10:00 AM	JMT
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		3.91	mg/Kg-dry	1	7/19/2009 11:05:03 AM	LAL
Barium	NELAP	0.48		15.7	mg/Kg-dry	1	7/19/2009 11:05:03 AM	LAL
Cadmium	NELAP	0.19		0.23	mg/Kg-dry	1	7/19/2009 11:05:03 AM	LAL
Chromium	NELAP	0.96		13.3	mg/Kg-dry	1	7/19/2009 11:05:03 AM	LAL
Lead	NELAP	3.85		8.69	mg/Kg-dry	1	7/19/2009 11:05:03 AM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/19/2009 11:05:03 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.566	< 0.566	mg/Kg-dry	1	7/19/2009 3:23:42 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.019	SR	0.261	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Acenaphthylene	NELAP	0.019	SR	0.883	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Anthracene	NELAP	0.019	SR	0.531	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Benzo(a)anthracene	NELAP	0.019	SR	0.316	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Benzo(a)pyrene	NELAP	0.019	SR	0.281	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.019	SR	0.207	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.019	R	0.118	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.019		0.072	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.370	S	ND	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Chrysene	NELAP	0.019	SR	0.336	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.019		0.026	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Fluoranthene	NELAP	0.019	SR	0.699	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Fluorene	NELAP	0.019	SR	0.643	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.019	R	0.083	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Naphthalene	NELAP	0.019	SR	2.74	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Phenanthrene	NELAP	0.019	SR	2.07	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Pyrene	NELAP	0.019	SR	1.01	mg/Kg-dry	5	7/17/2009 3:12:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131	S	61.4	%REC	5	7/17/2009 3:12:00 PM	MAV
Surr: Nitrobenzene-d5		10-132	S	63.8	%REC	5	7/17/2009 3:12:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131	S	66.6	%REC	5	7/17/2009 3:12:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
1,2-Dichlorobenzene	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
1,3-Dichlorobenzene	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
1,4-Dichlorobenzene	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-002  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (26)  
**Collection Date:** 7/16/2009 7:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
2,4,5-Trichlorophenol	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
2,4-Dichlorophenol	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
2,4-Dimethylphenol	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
2,4-Dinitrophenol	NELAP	2.21		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
2-Chloronaphthalene	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
2-Chlorophenol	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
2-Methoxy-4-methylphenol		1.44		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
2-Methylnaphthalene	NELAP	0.773		1.75	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
2-Nitroaniline	NELAP	2.21		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
2-Nitrophenol	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
3-Nitroaniline	NELAP	2.21		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	2.21		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
4-Chloroaniline	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
4-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
4-Nitrophenol	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Aniline	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Azobenzene		0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Benzidine	NELAP	2.33		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Benzoic acid	NELAP	3.31		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Benzyl alcohol	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Carbazole		1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Dibenzofuran	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Diethyl phthalate	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Dimethyl phthalate	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Hexachlorobenzene	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-002  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (26)  
**Collection Date:** 7/16/2009 7:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Hexachloroethane	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Isophorone	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
m,p-Cresol	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Nitrobenzene	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
N-Nitrosodimethylamine	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
o-Cresol	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Pentachlorophenol	NELAP	4.42		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Phenol	NELAP	0.773		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Pyridine	NELAP	1.10		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
1,2-Diphenylhydrazine		1.86		ND	mg/Kg-dry	2	7/17/2009 4:45:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		62.1	%REC	2	7/17/2009 4:45:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		72.0	%REC	2	7/17/2009 4:45:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		58.6	%REC	2	7/17/2009 4:45:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		55.4	%REC	2	7/17/2009 4:45:00 PM	DMH
Surr: Phenol-d5		34.9-110		71.8	%REC	2	7/17/2009 4:45:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		65.5	%REC	2	7/17/2009 4:45:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,1,1-Trichloroethane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,1,2-Trichloroethane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,1-Dichloro-2-propanone		40400		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,1-Dichloroethane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,1-Dichloroethene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,1-Dichloropropene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,2,3-Trichloropropane	NELAP	8090		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,2,3-Trimethylbenzene		4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,2-Dibromoethane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,2-Dichlorobenzene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-002  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (26)  
**Collection Date:** 7/16/2009 7:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,2-Dichloropropane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,3-Dichlorobenzene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,3-Dichloropropane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1,4-Dichlorobenzene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
1-Chlorobutane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
2,2-Dichloropropane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
2-Butanone	NELAP	40400		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
2-Chlorotoluene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
2-Hexanone	NELAP	40400		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
2-Nitropropane	NELAP	40400		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
4-Chlorotoluene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
4-Methyl-2-pentanone	NELAP	40400		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Acetone	NELAP	40400		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Acrolein	NELAP	80900		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Acrylonitrile	NELAP	8090		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Allyl chloride	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Benzene	NELAP	809		43400	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Bromobenzene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Bromochloromethane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Bromodichloromethane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Bromoform	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Bromomethane	NELAP	8090		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Carbon disulfide	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Carbon tetrachloride	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Chlorobenzene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Chloroethane	NELAP	8090		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Chloroform	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Chloromethane	NELAP	8090		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	3240		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Cyclohexanone		80900		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Dibromochloromethane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Dibromomethane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Dichlorodifluoromethane	NELAP	8090		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Ethyl acetate	NELAP	40400		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Ethyl ether	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-002  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (26)  
**Collection Date:** 7/16/2009 7:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Ethylbenzene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Heptane		16200		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Hexachlorobutadiene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Hexachloroethane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Iodomethane	NELAP	8090		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Isopropylbenzene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
m,p-Xylenes	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Methacrylonitrile	NELAP	40400		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Methyl Methacrylate	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Methyl tert-butyl ether	NELAP	1620		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Methylacrylate		8090		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Methylene chloride	NELAP	4040	J	890	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Naphthalene	NELAP	8090	J	3900	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
n-Butylbenzene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
n-Hexane		16200		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Nitrobenzene	NELAP	80900		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
n-Propylbenzene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
o-Xylene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Pentachloroethane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
p-Isopropyltoluene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Propionitrile	NELAP	40400		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
sec-Butylbenzene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Styrene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
tert-Butylbenzene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Tetrachloroethene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Tetrahydrofuran	NELAP	40400		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Toluene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	3240		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Trichloroethene	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Trichlorofluoromethane	NELAP	4040		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Vinyl acetate	NELAP	40400		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Vinyl chloride	NELAP	1620		ND	µg/Kg-dry	500	7/17/2009 12:42:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		95.5	%REC	500	7/17/2009 12:42:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		88.8	%REC	500	7/17/2009 12:42:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		96.9	%REC	500	7/17/2009 12:42:00 PM	JSA
Surr: Toluene-d8		80.1-122		98.0	%REC	500	7/17/2009 12:42:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-002  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (26)  
**Collection Date:** 7/16/2009 7:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.009</b>	mg/Kg-dry	1	7/17/2009	JMW
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.580		<b>Interference</b>	mg/Kg-dry	1	7/17/2009 2:01:11 PM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.51		<b>&lt; 0.51</b>	mg/Kg-dry	1	7/17/2009 2:01:11 PM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-003  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (28)  
**Collection Date:** 7/16/2009 7:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		9.8	%	1	7/17/2009 10:10:00 AM	JMT
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		90.2	%	1	7/17/2009 10:10:00 AM	JMT
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		3.69	mg/Kg-dry	1	7/19/2009 11:11:43 AM	LAL
Barium	NELAP	0.50		18.6	mg/Kg-dry	1	7/19/2009 11:11:43 AM	LAL
Cadmium	NELAP	0.20		0.24	mg/Kg-dry	1	7/19/2009 11:11:43 AM	LAL
Chromium	NELAP	1.00		13.0	mg/Kg-dry	1	7/19/2009 11:11:43 AM	LAL
Lead	NELAP	4.00		10.2	mg/Kg-dry	1	7/19/2009 11:11:43 AM	LAL
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/19/2009 11:11:43 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	7/19/2009 3:27:06 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.019		1.42	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Acenaphthylene	NELAP	0.019		1.48	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Anthracene	NELAP	0.019		1.36	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Benzo(a)anthracene	NELAP	0.019		0.756	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Benzo(a)pyrene	NELAP	0.019		0.689	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.019		0.549	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.019		0.283	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.019		0.194	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.371		ND	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Chrysene	NELAP	0.019		0.848	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.019		0.073	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Fluoranthene	NELAP	0.019		1.78	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Fluorene	NELAP	0.019		1.58	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.019		0.226	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Naphthalene	NELAP	0.019		4.53	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Phenanthrene	NELAP	0.019		4.83	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Pyrene	NELAP	0.019		2.55	mg/Kg-dry	5	7/17/2009 3:46:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		65.2	%REC	5	7/17/2009 3:46:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		65.6	%REC	5	7/17/2009 3:46:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		70.2	%REC	5	7/17/2009 3:46:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
1,2-Dichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
1,3-Dichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
1,4-Dichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-003  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (28)  
**Collection Date:** 7/16/2009 7:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
2,4-Dichlorophenol	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
2,4-Dimethylphenol	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
2,4-Dinitrophenol	NELAP	2.22		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
2-Chloronaphthalene	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
2-Chlorophenol	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
2-Methoxy-4-methylphenol		1.44		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
2-Methylnaphthalene	NELAP	0.776		3.59	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
2-Nitroaniline	NELAP	2.22		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
2-Nitrophenol	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
3-Nitroaniline	NELAP	2.22		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	2.22		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
4-Chloroaniline	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
4-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
4-Nitrophenol	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Aniline	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Azobenzene		0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Benzidine	NELAP	2.34		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Benzoic acid	NELAP	3.32		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Benzyl alcohol	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Carbazole		1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Dibenzofuran	NELAP	0.776	J	0.29	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Diethyl phthalate	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Dimethyl phthalate	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Hexachlorobenzene	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-003  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (28)  
**Collection Date:** 7/16/2009 7:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Hexachloroethane	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Isophorone	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
m,p-Cresol	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Nitrobenzene	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
N-Nitrosodimethylamine	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
o-Cresol	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Pentachlorophenol	NELAP	4.43		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Phenol	NELAP	0.776		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Pyridine	NELAP	1.11		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
1,2-Diphenylhydrazine		1.86		ND	mg/Kg-dry	2	7/17/2009 5:17:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		64.7	%REC	2	7/17/2009 5:17:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		74.7	%REC	2	7/17/2009 5:17:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		64.4	%REC	2	7/17/2009 5:17:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		60.8	%REC	2	7/17/2009 5:17:00 PM	DMH
Surr: Phenol-d5		34.9-110		70.7	%REC	2	7/17/2009 5:17:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		65.5	%REC	2	7/17/2009 5:17:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,1,1-Trichloroethane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,1,2-Trichloroethane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,1-Dichloro-2-propanone		8460		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,1-Dichloroethane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,1-Dichloroethene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,1-Dichloropropene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,2,3-Trichloropropane	NELAP	1690		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,2,3-Trimethylbenzene		846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,2-Dibromoethane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,2-Dichlorobenzene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-003  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (28)  
**Collection Date:** 7/16/2009 7:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2-Dichloroethane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,2-Dichloropropane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,3-Dichlorobenzene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,3-Dichloropropane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1,4-Dichlorobenzene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
1-Chlorobutane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
2,2-Dichloropropane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
2-Butanone	NELAP	8460		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
2-Chlorotoluene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
2-Hexanone	NELAP	8460		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
2-Nitropropane	NELAP	8460		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
4-Chlorotoluene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
4-Methyl-2-pentanone	NELAP	8460		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Acetone	NELAP	8460		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Acrolein	NELAP	16900		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Acrylonitrile	NELAP	1690		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Allyl chloride	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Benzene	NELAP	169		30200	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Bromobenzene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Bromochloromethane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Bromodichloromethane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Bromoform	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Bromomethane	NELAP	1690		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Carbon disulfide	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Carbon tetrachloride	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Chlorobenzene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Chloroethane	NELAP	1690		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Chloroform	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Chloromethane	NELAP	1690		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	677		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Cyclohexanone		16900		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Dibromochloromethane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Dibromomethane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Dichlorodifluoromethane	NELAP	1690		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Ethyl acetate	NELAP	8460		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Ethyl ether	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-003  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (28)  
**Collection Date:** 7/16/2009 7:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Ethylbenzene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Heptane		3390		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Hexachlorobutadiene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Hexachloroethane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Iodomethane	NELAP	1690		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Isopropylbenzene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
m,p-Xylenes	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Methacrylonitrile	NELAP	8460		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Methyl Methacrylate	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Methyl tert-butyl ether	NELAP	339		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Methylacrylate		1690		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Methylene chloride	NELAP	846	J	190	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Naphthalene	NELAP	1690		1690	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
n-Butylbenzene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
n-Hexane		3390		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Nitrobenzene	NELAP	16900		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
n-Propylbenzene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
o-Xylene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Pentachloroethane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
p-Isopropyltoluene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Propionitrile	NELAP	8460		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
sec-Butylbenzene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Styrene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
tert-Butylbenzene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Tetrachloroethene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Tetrahydrofuran	NELAP	8460		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Toluene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	677		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Trichloroethene	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Trichlorofluoromethane	NELAP	846		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Vinyl acetate	NELAP	8460		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Vinyl chloride	NELAP	339		ND	µg/Kg-dry	100	7/17/2009 1:09:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		94.1	%REC	100	7/17/2009 1:09:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		90.9	%REC	100	7/17/2009 1:09:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		95.1	%REC	100	7/17/2009 1:09:00 PM	JSA
Surr: Toluene-d8		80.1-122		98.3	%REC	100	7/17/2009 1:09:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-003  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (28)  
**Collection Date:** 7/16/2009 7:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.009</b>	mg/Kg-dry	1	7/17/2009	JMW
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.495		<b>Interference</b>	mg/Kg-dry	1	7/17/2009 2:01:11 PM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.53		<b>&lt; 0.53</b>	mg/Kg-dry	1	7/17/2009 2:01:11 PM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-004  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (24)  
**Collection Date:** 7/16/2009 10:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		10.2	%	1	7/17/2009 10:10:00 AM	JMT
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.8	%	1	7/17/2009 10:10:00 AM	JMT
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.31		4.62	mg/Kg-dry	1	7/19/2009 11:18:24 AM	LAL
Barium	NELAP	0.46		18.2	mg/Kg-dry	1	7/19/2009 11:18:24 AM	LAL
Cadmium	NELAP	0.19		0.19	mg/Kg-dry	1	7/19/2009 11:18:24 AM	LAL
Chromium	NELAP	0.93		15.3	mg/Kg-dry	1	7/19/2009 11:18:24 AM	LAL
Lead	NELAP	3.70		11.5	mg/Kg-dry	1	7/19/2009 11:18:24 AM	LAL
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	7/19/2009 11:18:24 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.577	< 0.577	mg/Kg-dry	1	7/19/2009 3:37:10 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.017		0.22	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Acenaphthylene	NELAP	0.017		1.0	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Anthracene	NELAP	0.017		0.68	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Benzo(a)anthracene	NELAP	0.017		0.39	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Benzo(a)pyrene	NELAP	0.017		0.37	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.017		0.28	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.017		0.15	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.017		0.098	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.33		ND	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Chrysene	NELAP	0.017		0.42	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.017		0.039	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Fluoranthene	NELAP	0.017		0.82	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Fluorene	NELAP	0.017		0.69	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.017		0.12	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Naphthalene	NELAP	0.017		2.8	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Phenanthrene	NELAP	0.017		2.3	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Pyrene	NELAP	0.017		1.2	mg/Kg	5	7/17/2009 4:20:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		67.0	%REC	5	7/17/2009 4:20:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		69.0	%REC	5	7/17/2009 4:20:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		74.6	%REC	5	7/17/2009 4:20:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
1,2-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
1,3-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
1,4-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-004  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (24)  
**Collection Date:** 7/16/2009 10:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
2,4-Dichlorophenol	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
2,4-Dimethylphenol	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
2,4-Dinitrophenol	NELAP	2.17		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
2-Chloronaphthalene	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
2-Chlorophenol	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
2-Methoxy-4-methylphenol		1.41		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
2-Methylnaphthalene	NELAP	0.758		2.18	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
2-Nitroaniline	NELAP	2.17		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
2-Nitrophenol	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
3-Nitroaniline	NELAP	2.17		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	2.17		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
4-Chloroaniline	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
4-Nitroaniline	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
4-Nitrophenol	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Aniline	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Azobenzene		0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Benzidine	NELAP	2.29		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Benzoic acid	NELAP	3.25		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Benzyl alcohol	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Carbazole		1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Dibenzofuran	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Diethyl phthalate	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Dimethyl phthalate	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Hexachlorobenzene	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-004  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (24)  
**Collection Date:** 7/16/2009 10:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Hexachloroethane	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Isophorone	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
m,p-Cresol	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Nitrobenzene	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
N-Nitrosodimethylamine	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
o-Cresol	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Pentachlorophenol	NELAP	4.33		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Phenol	NELAP	0.758		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Pyridine	NELAP	1.08		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
1,2-Diphenylhydrazine		1.82		ND	mg/Kg-dry	2	7/17/2009 5:48:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		57.9	%REC	2	7/17/2009 5:48:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		79.4	%REC	2	7/17/2009 5:48:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		63.3	%REC	2	7/17/2009 5:48:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		60.8	%REC	2	7/17/2009 5:48:00 PM	DMH
Surr: Phenol-d5		34.9-110		72.3	%REC	2	7/17/2009 5:48:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		69.0	%REC	2	7/17/2009 5:48:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,1,1-Trichloroethane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,1,2-Trichloroethane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,1-Dichloro-2-propanone		3480		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,1-Dichloroethane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,1-Dichloroethene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,1-Dichloropropene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,2,3-Trichloropropane	NELAP	696		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,2,3-Trimethylbenzene		348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	348	J	120	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,2-Dibromoethane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,2-Dichlorobenzene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-004  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (24)  
**Collection Date:** 7/16/2009 10:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,2-Dichloropropane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,3-Dichlorobenzene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,3-Dichloropropane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1,4-Dichlorobenzene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
1-Chlorobutane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
2,2-Dichloropropane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
2-Butanone	NELAP	3480		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
2-Chlorotoluene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
2-Hexanone	NELAP	3480		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
2-Nitropropane	NELAP	3480		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
4-Chlorotoluene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
4-Methyl-2-pentanone	NELAP	3480		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Acetone	NELAP	3480		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Acrolein	NELAP	6960		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Acrylonitrile	NELAP	696		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Allyl chloride	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Benzene	NELAP	69.6		165	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Bromobenzene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Bromochloromethane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Bromodichloromethane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Bromoform	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Bromomethane	NELAP	696		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Carbon disulfide	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Carbon tetrachloride	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Chlorobenzene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Chloroethane	NELAP	696		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Chloroform	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Chloromethane	NELAP	696		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	278		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Cyclohexanone		6960		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Dibromochloromethane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Dibromomethane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Dichlorodifluoromethane	NELAP	696		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Ethyl acetate	NELAP	3480		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Ethyl ether	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-004  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (24)  
**Collection Date:** 7/16/2009 10:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Ethyl methacrylate	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Ethylbenzene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Heptane		1390		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Hexachlorobutadiene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Hexachloroethane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Iodomethane	NELAP	696		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Isopropylbenzene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
m,p-Xylenes	NELAP	348	J	150	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Methacrylonitrile	NELAP	3480		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Methyl Methacrylate	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Methyl tert-butyl ether	NELAP	139		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Methylacrylate		696		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Methylene chloride	NELAP	348	J	84	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Naphthalene	NELAP	696		5490	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
n-Butylbenzene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
n-Hexane		1390		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Nitrobenzene	NELAP	6960		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
n-Propylbenzene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
o-Xylene	NELAP	348	J	76	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Pentachloroethane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
p-Isopropyltoluene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Propionitrile	NELAP	3480		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
sec-Butylbenzene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Styrene	NELAP	348	J	160	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
tert-Butylbenzene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Tetrachloroethene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Tetrahydrofuran	NELAP	3480		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Toluene	NELAP	348	J	220	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	278		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Trichloroethene	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Trichlorofluoromethane	NELAP	348		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Vinyl acetate	NELAP	3480		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Vinyl chloride	NELAP	139		ND	µg/Kg-dry	50	7/17/2009 1:36:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		93.2	%REC	50	7/17/2009 1:36:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		90.5	%REC	50	7/17/2009 1:36:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		98.3	%REC	50	7/17/2009 1:36:00 PM	JSA
Surr: Toluene-d8		80.1-122		98.1	%REC	50	7/17/2009 1:36:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 09070650

**Lab ID:** 09070650-004

**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C

**Client Sample ID:** P1-B3.5-F (24)

**Collection Date:** 7/16/2009 10:25:00 AM

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.008</b>	mg/Kg-dry	1	7/17/2009	JMW
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.493		<b>Interference</b>	mg/Kg-dry	1	7/17/2009 2:01:11 PM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.51	J	<b>0.23</b>	mg/Kg-dry	1	7/17/2009 2:01:11 PM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-005  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (26)  
**Collection Date:** 7/16/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		9.3	%	1	7/17/2009 10:10:00 AM	JMT
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		90.7	%	1	7/17/2009 10:10:00 AM	JMT
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.31		5.08	mg/Kg-dry	1	7/19/2009 11:25:04 AM	LAL
Barium	NELAP	0.46		19.0	mg/Kg-dry	1	7/19/2009 11:25:04 AM	LAL
Cadmium	NELAP	0.19		0.27	mg/Kg-dry	1	7/19/2009 11:25:04 AM	LAL
Chromium	NELAP	0.93		13.2	mg/Kg-dry	1	7/19/2009 11:25:04 AM	LAL
Lead	NELAP	3.70		9.75	mg/Kg-dry	1	7/19/2009 11:25:04 AM	LAL
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	7/19/2009 11:25:04 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.577	< 0.577	mg/Kg-dry	1	7/19/2009 3:40:32 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.005	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Acenaphthylene	NELAP	0.004		0.017	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Anthracene	NELAP	0.004		0.008	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004		0.008	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.004	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.005	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.073		ND	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Chrysene	NELAP	0.004		0.006	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Fluoranthene	NELAP	0.004		0.010	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Fluorene	NELAP	0.004		0.010	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Naphthalene	NELAP	0.004		0.164	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Phenanthrene	NELAP	0.004		0.031	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Pyrene	NELAP	0.004		0.016	mg/Kg-dry	1	7/17/2009 4:53:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		54.9	%REC	1	7/17/2009 4:53:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		59.8	%REC	1	7/17/2009 4:53:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		64.8	%REC	1	7/17/2009 4:53:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
1,2-Dichlorobenzene	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
1,3-Dichlorobenzene	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
1,4-Dichlorobenzene	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-005  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (26)  
**Collection Date:** 7/16/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
2,4,5-Trichlorophenol	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
2,4-Dichlorophenol	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
2,4-Dimethylphenol	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
2,4-Dinitrophenol	NELAP	2.17		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
2-Chloronaphthalene	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
2-Chlorophenol	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
2-Methoxy-4-methylphenol		1.41		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
2-Methylnaphthalene	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
2-Nitroaniline	NELAP	2.17		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
2-Nitrophenol	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
3-Nitroaniline	NELAP	2.17		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	2.17		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
4-Chloroaniline	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
4-Nitroaniline	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
4-Nitrophenol	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Aniline	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Azobenzene		0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Benzidine	NELAP	2.29		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Benzoic acid	NELAP	3.26		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Benzyl alcohol	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Carbazole		1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Dibenzofuran	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Diethyl phthalate	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Dimethyl phthalate	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Hexachlorobenzene	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-005  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (26)  
**Collection Date:** 7/16/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Hexachloroethane	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Isophorone	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
m,p-Cresol	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Nitrobenzene	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
N-Nitrosodimethylamine	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
o-Cresol	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Pentachlorophenol	NELAP	4.34		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Phenol	NELAP	0.760		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Pyridine	NELAP	1.09		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
1,2-Diphenylhydrazine		1.82		ND	mg/Kg-dry	2	7/17/2009 6:19:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		54.1	%REC	2	7/17/2009 6:19:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		73.1	%REC	2	7/17/2009 6:19:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		58.2	%REC	2	7/17/2009 6:19:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		58.4	%REC	2	7/17/2009 6:19:00 PM	DMH
Surr: Phenol-d5		34.9-110		67.0	%REC	2	7/17/2009 6:19:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		67.1	%REC	2	7/17/2009 6:19:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,1,1-Trichloroethane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,1,2-Trichloroethane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,1-Dichloro-2-propanone		1450		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,1-Dichloroethane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,1-Dichloroethene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,1-Dichloropropene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,2,3-Trichloropropane	NELAP	290		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,2,3-Trimethylbenzene		145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,2-Dibromoethane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,2-Dichlorobenzene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-005  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (26)  
**Collection Date:** 7/16/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,2-Dichloropropane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,3-Dichlorobenzene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,3-Dichloropropane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1,4-Dichlorobenzene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
1-Chlorobutane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
2,2-Dichloropropane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
2-Butanone	NELAP	1450	J	390	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
2-Chlorotoluene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
2-Hexanone	NELAP	1450		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
2-Nitropropane	NELAP	1450		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
4-Chlorotoluene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
4-Methyl-2-pentanone	NELAP	1450		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Acetone	NELAP	1450		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Acrolein	NELAP	2900		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Acrylonitrile	NELAP	290		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Allyl chloride	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Benzene	NELAP	29.0		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Bromobenzene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Bromochloromethane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Bromodichloromethane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Bromoform	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Bromomethane	NELAP	290		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Carbon disulfide	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Carbon tetrachloride	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Chlorobenzene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Chloroethane	NELAP	290		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Chloroform	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Chloromethane	NELAP	290		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	116		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Cyclohexanone		2900		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Dibromochloromethane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Dibromomethane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Dichlorodifluoromethane	NELAP	290		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Ethyl acetate	NELAP	1450		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Ethyl ether	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-005  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (26)  
**Collection Date:** 7/16/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Ethylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Heptane		579		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Hexachlorobutadiene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Hexachloroethane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Iodomethane	NELAP	290		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Isopropylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
m,p-Xylenes	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Methacrylonitrile	NELAP	1450		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Methyl Methacrylate	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Methyl tert-butyl ether	NELAP	57.9		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Methylacrylate		290		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Methylene chloride	NELAP	145	J	43	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Naphthalene	NELAP	290		326	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
n-Butylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
n-Hexane		579		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Nitrobenzene	NELAP	2900		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
n-Propylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
o-Xylene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Pentachloroethane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
p-Isopropyltoluene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Propionitrile	NELAP	1450		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
sec-Butylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Styrene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
tert-Butylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Tetrachloroethene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Tetrahydrofuran	NELAP	1450		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Toluene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	116		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Trichloroethene	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Trichlorofluoromethane	NELAP	145		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Vinyl acetate	NELAP	1450		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Vinyl chloride	NELAP	57.9		ND	µg/Kg-dry	12.5	7/17/2009 2:03:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		86.4	%REC	12.5	7/17/2009 2:03:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		87.7	%REC	12.5	7/17/2009 2:03:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		93.5	%REC	12.5	7/17/2009 2:03:00 PM	JSA
Surr: Toluene-d8		80.1-122		100.4	%REC	12.5	7/17/2009 2:03:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-005  
**Report Date:** 20-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (26)  
**Collection Date:** 7/16/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.010	J	<b>0.009</b>	mg/Kg-dry	1	7/17/2009	JMW
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.546		<b>Interference</b>	mg/Kg-dry	1	7/17/2009 2:01:11 PM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.53		<b>&lt; 0.53</b>	mg/Kg-dry	1	7/17/2009 2:01:11 PM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070650

**Report Date:** 20-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070650-001A	P1-B5-F (25)	7/15/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 11:07:59 AM	7/17/2009 2:38:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 11:06:34 AM	7/17/2009 3:15:00 PM
09070650-001B				SW-846 3050B, 6010B, Metals by ICP	7/17/2009 1:45:00 PM	7/19/2009 10:38:38 AM
				SW-846 3050B, Metals by GFAA	7/17/2009 1:47:00 PM	7/19/2009 3:20:20 PM
				SW-846 7471A	7/17/2009 11:35:14 AM	7/17/2009
09070650-001C				ASTM D2974		7/17/2009 10:10:00 AM
				Standard Methods 18th Ed. 2540 G		7/17/2009 10:10:00 AM
				SW-846 9012A		7/17/2009 2:01:11 PM
				SW-846 9012A (Total)		7/17/2009 2:01:11 PM
09070650-001F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/17/2009 9:43:28 AM	7/17/2009 12:15:00 PM
09070650-002A	P1-B2-F (26)	7/16/2009		SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 11:08:00 AM	7/17/2009 3:12:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 11:06:34 AM	7/17/2009 4:45:00 PM
09070650-002B				SW-846 3050B, 6010B, Metals by ICP	7/17/2009 1:45:00 PM	7/19/2009 11:05:03 AM
				SW-846 3050B, Metals by GFAA	7/17/2009 1:47:00 PM	7/19/2009 3:23:42 PM
				SW-846 7471A	7/17/2009 11:35:14 AM	7/17/2009
09070650-002C				ASTM D2974		7/17/2009 10:10:00 AM
				Standard Methods 18th Ed. 2540 G		7/17/2009 10:10:00 AM
				SW-846 9012A		7/17/2009 2:01:11 PM
				SW-846 9012A (Total)		7/17/2009 2:01:11 PM
09070650-002F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/17/2009 9:43:28 AM	7/17/2009 12:42:00 PM
09070650-003A	P1-B2-F (28)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 11:08:00 AM	7/17/2009 3:46:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 11:06:34 AM	7/17/2009 5:17:00 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070650

**Report Date:** 20-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070650-003B	P1-B2-F (28)	7/16/2009	Solid	SW-846 3050B, 6010B, Metals by ICP	7/17/2009 1:45:00 PM	7/19/2009 11:11:43 AM
				SW-846 3050B, Metals by GFAA	7/17/2009 1:47:00 PM	7/19/2009 3:27:06 PM
				SW-846 7471A	7/17/2009 11:35:14 AM	7/17/2009
09070650-003C				ASTM D2974		7/17/2009 10:10:00 AM
				Standard Methods 18th Ed. 2540 G		7/17/2009 10:10:00 AM
				SW-846 9012A		7/17/2009 2:01:11 PM
				SW-846 9012A (Total)		7/17/2009 2:01:11 PM
09070650-003F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/17/2009 9:43:28 AM	7/17/2009 1:09:00 PM
09070650-004A	P1-B3.5-F (24)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 11:08:00 AM	7/17/2009 4:20:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 11:06:34 AM	7/17/2009 5:48:00 PM
09070650-004B				SW-846 3050B, 6010B, Metals by ICP	7/17/2009 1:45:00 PM	7/19/2009 11:18:24 AM
				SW-846 3050B, Metals by GFAA	7/17/2009 1:47:00 PM	7/19/2009 3:37:10 PM
				SW-846 7471A	7/17/2009 11:35:14 AM	7/17/2009
09070650-004C				ASTM D2974		7/17/2009 10:10:00 AM
				Standard Methods 18th Ed. 2540 G		7/17/2009 10:10:00 AM
				SW-846 9012A		7/17/2009 2:01:11 PM
				SW-846 9012A (Total)		7/17/2009 2:01:11 PM
09070650-004F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/17/2009 9:43:28 AM	7/17/2009 1:36:00 PM
09070650-005A	P1-B3.5-F (26)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 11:08:00 AM	7/17/2009 4:53:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 11:06:34 AM	7/17/2009 6:19:00 PM
09070650-005B				SW-846 3050B, 6010B, Metals by ICP	7/17/2009 1:45:00 PM	7/19/2009 11:25:04 AM
				SW-846 3050B, Metals by GFAA	7/17/2009 1:47:00 PM	7/19/2009 3:40:32 PM



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP**DATES REPORT****Project:** A831-735002-012901-225/Ameren Champaign 62403053**Lab Order:** 09070650**Report Date:** 20-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070650-005B	P1-B3.5-F (26)	7/16/2009	Solid	SW-846 7471A	7/17/2009 11:35:14 AM	7/17/2009
09070650-005C				ASTM D2974		7/17/2009 10:10:00 AM
				Standard Methods 18th Ed. 2540 G		7/17/2009 10:10:00 AM
				SW-846 9012A		7/17/2009 2:01:11 PM
				SW-846 9012A (Total)		7/17/2009 2:01:11 PM
09070650-005F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/17/2009 9:43:28 AM	7/17/2009 2:03:00 PM

**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- 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.
- 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. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- 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. (NELAC) The acceptable recovery range is listed in this report.
- LCS/D** 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 this report.
- 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 this report.
- 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 this report.
- MDL** Method detection limit or limit of detection (LOD) 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.
- MB/LCB** Method blank or lab control 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 are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) 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 this report.
- 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 this report.
- 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. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

**Qualifiers**

<b>DF</b> - Dilution Factor	<b>B</b> - Analyte detected in the associated Method Blank	<b>C</b> - Client requested RL below PQL	<b>MI</b> - Matrix interference
<b>RL</b> - Reporting Limit	<b>J</b> - Analyte detected below reporting limits	<b>D</b> - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	<b>R</b> - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	<b>S</b> - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count ( > 200 CFU )	<b>X</b> - Value exceeds Maximum Contaminant Level	<b>#</b> - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09070650

Report Date: 20-Jul-09

## ANALYTICAL QC SUMMARY REPORT

Test Number: M2540 G

Sample ID: <b>LCS-R124755</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>124755</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R124755</b>		Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2337053</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>124755</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R124755</b>		Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2337054</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Sample ID: <b>09070650-003CDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>124755</b>							
Client ID: <b>P1-B2-F (28)DUP</b>	Batch ID: <b>R124755</b>		Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2337058</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 90.4 0.1 90.20 0.233 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW6010B

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>MB-54242</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/17/2009</b>	RunNo: <b>124729</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54242</b>	<b>SOP 3032</b>				Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336505</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	< 4.00	4.00	4.000	0	0	-100	100				
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Sample ID: <b>LCS-54242</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/17/2009</b>	RunNo: <b>124729</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54242</b>	<b>SOP 3032</b>				Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336506</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	47.8	4.00	50.00	0	95.6	85	115				
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Sample ID: <b>MB-54242</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/17/2009</b>	RunNo: <b>124726</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54242</b>	<b>SOP 3032</b>				Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336952</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Barium	< 0.50	0.50	0.5000	0	0	-100	100				
Cadmium	< 0.20	0.20	0.2000	0	0	-100	100				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Sample ID: <b>LCS-54242</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/17/2009</b>	RunNo: <b>124726</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54242</b>	<b>SOP 3032</b>				Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336953</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	209	2.50	200.0	0	104.4	85	115				
Barium	211	0.50	200.0	0	105.6	85	115				
Cadmium	5.23	0.20	5.000	0	104.6	85	115				
Chromium	21.4	1.00	20.00	0	107.0	85	115				
Lead	53.2	4.00	50.00	0	106.4	85	115				
Silver	4.75	0.55	5.000	0	95.0	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW6010B

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>09070650-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124753</b>							
Client ID: <b>P1-B5-F (25)MS</b>	Batch ID: <b>54242</b>	<b>SOP 3032</b>	Analysis Date: <b>7/19/2009</b>	SeqNo: <b>2336994</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	195	2.45	196.1	5.147	96.7	75	125				
Barium	192	0.49	196.1	16.32	89.5	75	125				
Cadmium	4.47	0.20	4.902	0.2353	86.4	75	125				
Chromium	31.5	0.98	19.61	12.97	94.5	75	125				
Lead	51.8	3.92	49.02	9.451	86.4	75	125				
Silver	4.33	0.54	4.902	0	88.4	75	125				

Sample ID: <b>09070650-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124753</b>							
Client ID: <b>P1-B5-F (25)MSD</b>	Batch ID: <b>54242</b>	<b>SOP 3032</b>	Analysis Date: <b>7/19/2009</b>	SeqNo: <b>2336995</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	197	2.45	196.1	5.147	97.9	75	125	194.8	1.15	20	
Barium	193	0.49	196.1	16.32	89.9	75	125	191.8	0.459	20	
Cadmium	4.49	0.20	4.902	0.2353	86.8	75	125	4.471	0.438	20	
Chromium	32.4	0.98	19.61	12.97	99.1	75	125	31.50	2.79	20	
Lead	52.9	3.92	49.02	9.451	88.7	75	125	51.78	2.17	20	
Silver	4.29	0.54	4.902	0	87.6	75	125	4.333	0.909	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW7000 G

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>MB-54257</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124754</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54257</b>	<b>SOP 3042</b>	Analysis Date: <b>7/19/2009</b>	SeqNo: <b>2337009</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740 < 0.600 0.600 0.6000 0 0 -100 100

Sample ID: <b>LCS-54257</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124754</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54257</b>	<b>SOP 3042</b>	Analysis Date: <b>7/19/2009</b>	SeqNo: <b>2337010</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740 2.91 0.600 3.000 0 97.2 80 120

Sample ID: <b>09070650-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124754</b>							
Client ID: <b>P1-B2-F (28)MS</b>	Batch ID: <b>54257</b>	<b>SOP 3042</b>	Analysis Date: <b>7/19/2009</b>	SeqNo: <b>2337014</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740 3.07 0.600 3.000 0 102.3 70 130

Sample ID: <b>09070650-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124754</b>							
Client ID: <b>P1-B2-F (28)MSD</b>	Batch ID: <b>54257</b>	<b>SOP 3042</b>	Analysis Date: <b>7/19/2009</b>	SeqNo: <b>2337015</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740 3.30 0.600 3.000 0 109.9 70 130 3.068 7.22 20

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW7471 A

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>MB-54254</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124734</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54254</b>	<b>SOP 3063</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336663</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury < 0.010 0.010 0.01000 0 0 -100 100

Sample ID: <b>LCS-54254</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124734</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54254</b>	<b>SOP 3063</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336664</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.240 0.010 0.2500 0 95.8 85 115

Sample ID: <b>09070650-005BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124734</b>							
Client ID: <b>P1-B3.5-F (26)MS</b>	Batch ID: <b>54254</b>	<b>SOP 3063</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336670</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.276 0.010 0.2626 0.008928 101.8 75 125

Sample ID: <b>09070650-005BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124734</b>							
Client ID: <b>P1-B3.5-F (26)MSD</b>	Batch ID: <b>54254</b>	<b>SOP 3063</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336671</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.276 0.010 0.2626 0.008928 101.8 75 125 0.2763 0 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>LCS-F090717-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/17/2009</b>	RunNo: <b>124733</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54255</b>	<b>SW5035</b>				Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336654</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	45.9	5.0	50.00	0	91.8	77.5	121				
1,1-Dichloroethene	34.1	5.0	50.00	0	68.2	52	133				
1,2-Dibromoethane	46.4	5.0	50.00	0	92.9	85.2	119				
1,2-Dichlorobenzene	51.2	5.0	50.00	0	102.5	84.2	122				
1,2-Dichloroethane	43.6	5.0	50.00	0	87.3	71.1	125				
1,3-Dichlorobenzene	55.3	5.0	50.00	0	110.7	83.3	125				
1,4-Dichlorobenzene	50.6	5.0	50.00	0	101.2	81.9	128				
2-Butanone	54.8	50.0	100.0	0	54.8	39.1	105				
Benzene	43.2	1.0	50.00	0	86.4	77.9	123				
Bromodichloromethane	50.4	5.0	50.00	0	100.8	87.9	119				
Carbon tetrachloride	45.0	5.0	50.00	0	89.9	77.5	128				
Chlorobenzene	52.6	5.0	50.00	0	105.2	87.8	120				
Chloroform	43.1	5.0	50.00	0	86.2	81.5	119				
Dibromochloromethane	48.3	5.0	50.00	0	96.6	88.6	119				
Ethylbenzene	54.8	5.0	50.00	0	109.5	80.9	119				
m,p-Xylenes	51.0	5.0	50.00	0	102.1	77.6	120				
Methyl tert-butyl ether	43.9	2.0	50.00	0	87.8	69.8	121				
Methylene chloride	48.6	5.0	50.00	0	97.3	71.5	124				
Naphthalene	57.0	10	50.00	0	113.9	75.7	123				
o-Xylene	50.6	5.0	50.00	0	101.2	82.4	124				
Tetrachloroethene	46.9	5.0	50.00	0	93.9	74.2	113				
Toluene	51.2	5.0	50.00	0	102.4	80.2	115				
Trichloroethene	48.3	5.0	50.00	0	96.6	83.3	118				
Surr: 1,2-Dichloroethane-d4	47.5		50.00		95.1	61	128				
Surr: 4-Bromofluorobenzene	46.3		50.00		92.6	78.2	117				
Surr: Dibromofluoromethane	48.2		50.00		96.4	66.6	130				
Surr: Toluene-d8	48.6		50.00		97.3	80.1	122				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>LCSD-F090717-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/17/2009</b>	RunNo: <b>124733</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54255</b>	<b>SW5035</b>				Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336655</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	44.0	5.0	50.00	0	88.0	77.5	121	45.92	4.23	20	
1,1-Dichloroethene	34.0	5.0	50.00	0	67.9	52	133	34.12	0.499	20	
1,2-Dibromoethane	44.6	5.0	50.00	0	89.1	85.2	119	46.43	4.09	20	
1,2-Dichlorobenzene	49.9	5.0	50.00	0	99.8	84.2	122	51.25	2.69	20	
1,2-Dichloroethane	43.5	5.0	50.00	0	87.0	71.1	125	43.63	0.321	20	
1,3-Dichlorobenzene	52.6	5.0	50.00	0	105.3	83.3	125	55.34	4.98	20	
1,4-Dichlorobenzene	48.9	5.0	50.00	0	97.9	81.9	128	50.61	3.36	20	
2-Butanone	52.2	50.0	100.0	0	52.2	39.1	105	54.76	4.84	20	
Benzene	42.1	1.0	50.00	0	84.2	77.9	123	43.21	2.65	20	
Bromodichloromethane	49.3	5.0	50.00	0	98.6	87.9	119	50.40	2.17	20	
Carbon tetrachloride	43.2	5.0	50.00	0	86.5	77.5	128	44.97	3.90	20	
Chlorobenzene	50.9	5.0	50.00	0	101.9	87.8	120	52.61	3.23	20	
Chloroform	42.1	5.0	50.00	0	84.2	81.5	119	43.09	2.30	20	
Dibromochloromethane	47.1	5.0	50.00	0	94.1	88.6	119	48.29	2.58	20	
Ethylbenzene	52.4	5.0	50.00	0	104.7	80.9	119	54.76	4.48	20	
m,p-Xylenes	48.6	5.0	50.00	0	97.2	77.6	120	51.04	4.92	20	
Methyl tert-butyl ether	52.0	2.0	50.00	0	104.1	69.8	121	43.91	16.9	20	
Methylene chloride	50.1	5.0	50.00	0	100.3	71.5	124	48.65	3.00	20	
Naphthalene	53.5	10	50.00	0	106.9	75.7	123	56.95	6.32	20	
o-Xylene	48.8	5.0	50.00	0	97.6	82.4	124	50.62	3.66	20	
Tetrachloroethene	44.3	5.0	50.00	0	88.6	74.2	113	46.94	5.83	20	
Toluene	49.1	5.0	50.00	0	98.1	80.2	115	51.20	4.25	20	
Trichloroethene	46.0	5.0	50.00	0	92.1	83.3	118	48.32	4.81	20	
Surr: 1,2-Dichloroethane-d4	48.8		50.00		97.5	61	128		0	0	
Surr: 4-Bromofluorobenzene	46.2		50.00		92.4	78.2	117		0	0	
Surr: Dibromofluoromethane	48.6		50.00		97.2	66.6	130		0	0	
Surr: Toluene-d8	48.2		50.00		96.4	80.1	122		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>MBLK-F090717-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124733</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54255</b>	<b>SW5035</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336657</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	10									
1,2,3-Trimethylbenzene	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
1-Chlorobutane	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.0									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070650

Report Date: 20-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: <b>MBLK-F090717-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124733</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54255</b>	<b>SW5035</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336657</b>							
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10									
Allyl chloride	ND	5.0									
Benzene	ND	1.0									
Bromobenzene	ND	5.0									
Bromochloromethane	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	10									
Carbon disulfide	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	10									
Chloroform	ND	5.0									
Chloromethane	ND	10									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	4.0									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	10									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.0									
Ethyl methacrylate	ND	5.0									
Ethylbenzene	ND	5.0									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.0									
Hexachloroethane	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070650

Report Date: 20-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iodomethane	ND	10									
Isopropylbenzene	ND	5.0									
m,p-Xylenes	ND	5.0									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.0									
Methyl tert-butyl ether	ND	2.0									
Methylacrylate	ND	10									
Methylene chloride	ND	5.0									
Naphthalene	ND	10									
n-Butylbenzene	ND	5.0									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.0									
o-Xylene	ND	5.0									
Pentachloroethane	ND	5.0									
p-Isopropyltoluene	ND	5.0									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	4.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.0									
Surr: 1,2-Dichloroethane-d4	51.6		50.00		103.2	61	128				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>MBLK-F090717-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124733</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54255</b>	<b>SW5035</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336657</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	45.4		50.00		90.7	78.2	117				
Surr: Dibromofluoromethane	50.6		50.00		101.2	66.6	130				
Surr: Toluene-d8	48.5		50.00		96.9	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>MB-54251</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124741</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54251</b>	<b>SW3550B</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336919</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070650

Report Date: 20-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>MB-54251</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124741</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54251</b>	<b>SW3550B</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336919</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.14		1.670		68.2	52.1	113				
Surr: 2-Fluorobiphenyl	0.696		0.8350		83.4	46.3	106				
Surr: 2-Fluorophenol	1.22		1.670		73.3	50.6	89				
Surr: Nitrobenzene-d5	0.569		0.8350		68.1	42.4	99.2				
Surr: Phenol-d5	1.32		1.670		79.2	55.9	98.5				
Surr: p-Terphenyl-d14	0.578		0.8350		69.2	45.5	115				

Sample ID: <b>LCS-54251</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124741</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54251</b>	<b>SW3550B</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336920</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.29	0.500	1.670	0	77.5	43.9	92.2				
1,4-Dichlorobenzene	1.12	0.500	1.670	0	67.2	43.8	84.1				
2,4,5-Trichlorophenol	2.91	0.350	3.330	0	87.2	38.6	123				
2,4,6-Trichlorophenol	2.75	0.350	3.330	0	82.6	35.9	123				
2,4-Dimethylphenol	2.25	0.500	3.330	0	67.6	38.3	88				
2,4-Dinitrophenol	2.38	1.00	3.330	0	71.5	1.88	162				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: LCS-54251	SampType: LCS	Units: mg/Kg				Prep Date: 7/17/2009	RunNo: 124741				
Client ID: ZZZZZZ	Batch ID: 54251	SW3550B				Analysis Date: 7/17/2009	SeqNo: 2336920				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.42	0.350	1.670	0	84.8	48.6	102				
2-Chlorophenol	2.17	0.500	3.330	0	65.0	46.6	84				
4-Chloro-3-methylphenol	2.62	0.500	3.330	0	78.7	51.5	94.9				
4-Nitrophenol	2.24	0.350	3.330	0	67.2	53.2	104				
Acenaphthene	1.31	0.350	1.670	0	78.6	50.8	113				
Acenaphthylene	1.83	0.350	1.670	0	109.5	52.8	121				
Anthracene	1.21	0.350	1.670	0	72.6	53.3	115				
Benzo(a)anthracene	1.33	0.350	1.670	0	79.8	62.3	110				
Benzo(a)pyrene	1.32	0.350	1.670	0	79.3	58.2	109				
Benzo(b)fluoranthene	1.34	0.350	1.670	0	80.4	51.8	107				
Benzo(g,h,i)perylene	1.37	0.350	1.670	0	82.2	49.6	121				
Benzo(k)fluoranthene	1.24	0.350	1.670	0	74.0	63.1	129				
Bis(2-ethylhexyl)phthalate	1.37	0.350	1.670	0	81.8	56.3	109				
Chrysene	1.56	0.350	1.670	0	93.6	58.4	115				
Dibenzo(a,h)anthracene	1.40	0.350	1.670	0	83.7	54.9	120				
Diethyl phthalate	2.51	0.500	3.330	0	75.5	51.7	106				
Dimethyl phthalate	2.46	0.350	3.330	0	73.9	58.8	104				
Di-n-butyl phthalate	1.16	0.350	1.670	0	69.8	54.3	105				
Fluoranthene	1.34	0.350	1.670	0	80.1	61.6	113				
Fluorene	1.35	0.350	1.670	0	80.9	52.2	116				
Hexachlorobenzene	2.59	0.350	3.330	0	77.6	55.9	106				
Hexachlorobutadiene	2.40	0.500	3.330	0	72.0	35.7	100				
Hexachloroethane	2.09	0.500	3.330	0	62.7	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.36	0.350	1.670	0	81.4	52.7	115				
m,p-Cresol	1.22	0.500	1.670	0	73.3	37.6	93.7				
Naphthalene	1.14	0.350	1.670	0	68.4	45.7	101				
Nitrobenzene	2.15	0.500	3.330	0	64.5	51.8	104				
N-Nitroso-di-n-propylamine	1.15	0.500	1.670	0	69.0	49.1	94.5				
o-Cresol	1.33	0.500	1.670	0	79.6	43	101				
Pentachlorophenol	2.01	2.00	3.330	0	60.3	42.2	102				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>LCS-54251</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/17/2009</b>		RunNo: <b>124741</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>54251</b>		<b>SW3550B</b>		Analysis Date: <b>7/17/2009</b>		SeqNo: <b>2336920</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.28	0.350	1.670	0	76.5	52.9	113				
Phenol	2.38	0.350	3.330	0	71.3	41.6	81.3				
Pyrene	1.25	0.500	1.670	0	74.8	60.7	115				
Pyridine	1.40	0.500	3.330	0	42.2	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.31		1.670		78.2	52.1	113				
Surr: 2-Fluorobiphenyl	0.642		0.8350		76.9	46.3	106				
Surr: 2-Fluorophenol	1.06		1.670		63.4	50.6	89				
Surr: Nitrobenzene-d5	0.481		0.8350		57.6	42.4	99.2				
Surr: Phenol-d5	1.20		1.670		71.9	55.9	98.5				
Surr: p-Terphenyl-d14	0.529		0.8350		63.4	45.5	115				

Sample ID: <b>09070650-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/17/2009</b>		RunNo: <b>124741</b>			
Client ID: <b>P1-B5-F (25)MS</b>		Batch ID: <b>54251</b>		<b>SW3550B</b>		Analysis Date: <b>7/17/2009</b>		SeqNo: <b>2336922</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.49	1.11	1.851	0	80.7	35.9	102				
1,4-Dichlorobenzene	1.25	1.11	1.851	0	67.8	29.8	95.5				
2,4,5-Trichlorophenol	3.09	0.776	3.691	0	83.8	38.6	123				
2,4,6-Trichlorophenol	3.12	0.776	3.691	0	84.5	35.9	123				
2,4-Dimethylphenol	2.72	1.11	3.691	0	73.6	38.3	88				
2,4-Dinitrophenol	1.8	2.22	3.691	0	47.7	1.88	162				J
2,4-Dinitrotoluene	1.54	0.776	1.851	0	83.1	37.5	107				
2-Chlorophenol	2.39	1.11	3.691	0	64.7	22.6	108				
4-Chloro-3-methylphenol	3.03	1.11	3.691	0	82.2	19.3	131				
4-Nitrophenol	2.28	0.776	3.691	0	61.7	27.6	123				
Diethyl phthalate	3.11	1.11	3.691	0	84.1	51.7	106				
Dimethyl phthalate	3.09	0.776	3.691	0	83.7	58.8	104				
Di-n-butyl phthalate	1.58	0.776	1.851	0	85.4	54.3	105				
Hexachlorobenzene	3.00	0.776	3.691	0	81.2	55.9	106				
Hexachlorobutadiene	2.69	1.11	3.691	0	72.8	35.7	100				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>09070650-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/17/2009</b>		RunNo: <b>124741</b>			
Client ID: <b>P1-B5-F (25)MS</b>		Batch ID: <b>54251</b>		<b>SW3550B</b>		Analysis Date: <b>7/17/2009</b>		SeqNo: <b>2336922</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	2.33	1.11	3.691	0	63.1	38.9	89.9				
m,p-Cresol	1.39	1.11	1.851	0	75.3	37.6	93.7				
Nitrobenzene	2.43	1.11	3.691	0	65.8	51.8	104				
N-Nitroso-di-n-propylamine	1.25	1.11	1.851	0	67.3	45.5	99.1				
o-Cresol	1.47	1.11	1.851	0	79.3	43	101				
Pentachlorophenol	1.9	4.43	3.691	0	52.6	18.5	113				J
Phenol	2.53	0.776	3.691	0	68.5	20.8	110				
Pyridine	1.75	1.11	3.691	0	47.4	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.06		1.851		57.3	32.7	130				
Surr: 2-Fluorobiphenyl	0.520		0.9255		56.2	34.1	116				
Surr: 2-Fluorophenol	1.08		1.851		58.1	30.5	99				
Surr: Nitrobenzene-d5	0.414		0.9255		44.7	34.1	101				
Surr: Phenol-d5	1.25		1.851		67.3	34.9	110				
Surr: p-Terphenyl-d14	0.613		0.9255		66.2	41.7	124				

Sample ID: <b>09070650-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/17/2009</b>		RunNo: <b>124741</b>			
Client ID: <b>P1-B5-F (25)MSD</b>		Batch ID: <b>54251</b>		<b>SW3550B</b>		Analysis Date: <b>7/17/2009</b>		SeqNo: <b>2336923</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.48	1.11	1.853	0	79.8	35.9	102	1.494	1.09	40	
1,4-Dichlorobenzene	1.27	1.11	1.853	0	68.3	29.8	95.5	1.254	0.912	40	
2,4,5-Trichlorophenol	3.00	0.777	3.696	0	81.2	38.6	123	3.092	2.96	40	
2,4,6-Trichlorophenol	2.92	0.777	3.696	0	78.9	35.9	123	3.120	6.76	40	
2,4-Dimethylphenol	2.69	1.11	3.696	0	72.8	38.3	88	2.716	0.918	40	
2,4-Dinitrophenol	1.6	2.22	3.696	0	42.3	1.88	162	1.762	0	40	J
2,4-Dinitrotoluene	1.55	0.777	1.853	0	83.8	37.5	107	1.538	0.998	40	
2-Chlorophenol	2.53	1.11	3.696	0	68.3	22.6	108	2.387	5.62	40	
4-Chloro-3-methylphenol	3.00	1.11	3.696	0	81.2	19.3	131	3.033	1.08	40	
4-Nitrophenol	2.26	0.777	3.696	0	61.0	27.6	123	2.278	0.964	40	
Diethyl phthalate	3.12	1.11	3.696	0	84.3	51.7	106	3.105	0.384	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>09070650-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/17/2009</b>			RunNo: <b>124741</b>		
Client ID: <b>P1-B5-F (25)MSD</b>		Batch ID: <b>54251</b>		<b>SW3550B</b>		Analysis Date: <b>7/17/2009</b>			SeqNo: <b>2336923</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethyl phthalate	3.04	0.777	3.696	0	82.1	58.8	104	3.089	1.75	40	
Di-n-butyl phthalate	1.54	0.777	1.853	0	83.3	54.3	105	1.580	2.32	40	
Hexachlorobenzene	2.92	0.777	3.696	0	79.1	55.9	106	2.997	2.52	40	
Hexachlorobutadiene	2.62	1.11	3.696	0	71.0	35.7	100	2.688	2.38	40	
Hexachloroethane	2.34	1.11	3.696	0	63.4	38.9	89.9	2.329	0.559	40	
m,p-Cresol	1.40	1.11	1.853	0	75.5	37.6	93.7	1.394	0.391	40	
Nitrobenzene	2.44	1.11	3.696	0	66.0	51.8	104	2.430	0.375	40	
N-Nitroso-di-n-propylamine	1.24	1.11	1.853	0	67.0	45.5	99.1	1.245	0.272	40	
o-Cresol	1.41	1.11	1.853	0	75.9	43	101	1.469	4.26	40	
Pentachlorophenol	1.8	4.44	3.696	0	48.1	18.5	113	1.942	0	40	J
Phenol	2.54	0.777	3.696	0	68.9	20.8	110	2.527	0.701	40	
Pyridine	1.73	1.11	3.696	0	46.8	3.61	74.3	1.748	1.03	40	
Surr: 2,4,6-Tribromophenol	1.03		1.853		55.6	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	0.529		0.9267		57.1	34.1	116		0	40	
Surr: 2-Fluorophenol	1.04		1.853		56.2	30.5	99		0	40	
Surr: Nitrobenzene-d5	0.430		0.9267		46.4	34.1	101		0	40	
Surr: Phenol-d5	1.21		1.853		65.4	34.9	110		0	40	
Surr: p-Terphenyl-d14	0.587		0.9267		63.4	41.7	124		0	40	

Sample ID: <b>MB-54252</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/17/2009</b>			RunNo: <b>124716</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>54252</b>		<b>SW3550B</b>		Analysis Date: <b>7/17/2009</b>			SeqNo: <b>2336884</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	ND	0.003									
Benzo(a)pyrene	ND	0.003									
Benzo(b)fluoranthene	ND	0.003									
Benzo(g,h,i)perylene	ND	0.003									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070650

Report Date: 20-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(k)fluoranthene	ND	0.003									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	ND	0.003									
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
Naphthalene	ND	0.003									
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.500		0.8330		60.0	17.5	123				
Surr: Nitrobenzene-d5	0.531		0.8330		63.7	35	105				
Surr: p-Terphenyl-d14	0.531		0.8330		63.8	53.6	122				

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.117	0.003	0.1670	0	70.2	56.3	115				
Acenaphthylene	0.119	0.003	0.1670	0	71.5	60.3	143				
Anthracene	0.112	0.003	0.1670	0	66.9	52.1	109				
Benzo(a)anthracene	0.108	0.003	0.1670	0	64.7	52.8	112				
Benzo(a)pyrene	0.121	0.003	0.1670	0	72.7	40.8	127				
Benzo(b)fluoranthene	0.130	0.003	0.1670	0	77.7	50.1	150				
Benzo(g,h,i)perylene	0.122	0.003	0.1670	0	73.2	52.8	145				
Benzo(k)fluoranthene	0.138	0.003	0.1670	0	82.9	52	153				
Bis(2-ethylhexyl)phthalate	0.132	0.067	0.1670	0	79.1	50	150				
Chrysene	0.131	0.003	0.1670	0	78.3	60.8	128				
Dibenzo(a,h)anthracene	0.122	0.003	0.1670	0	73.1	54.9	150				
Fluoranthene	0.119	0.003	0.1670	0	71.1	58.7	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>LCS-54252</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124716</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54252</b>	<b>SW3550B</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336885</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	0.122	0.003	0.1670	0	73.2	57.8	125				
Indeno(1,2,3-cd)pyrene	0.123	0.003	0.1670	0	73.8	52	147				
Naphthalene	0.117	0.003	0.1670	0	70.2	54.8	113				
Phenanthrene	0.127	0.003	0.1670	0	76.2	60.4	121				
Pyrene	0.115	0.003	0.1670	0	69.0	57.9	129				
Surr: 2-Fluorobiphenyl	0.574		0.8330		68.9	35.3	113				
Surr: Nitrobenzene-d5	0.599		0.8330		71.9	33.9	108				
Surr: p-Terphenyl-d14	0.592		0.8330		71.0	58.4	122				

Sample ID: <b>09070650-002AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124716</b>
Client ID: <b>P1-B2-F (26)MS</b>	Batch ID: <b>54252</b>	<b>SW3550B</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336947</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.328	0.019	0.1836	0.2612	36.2	36	135				
Acenaphthylene	0.779	0.019	0.1836	0.8828	-56.5	17.2	167				S
Anthracene	0.540	0.019	0.1836	0.5308	4.8	39.3	124				S
Benzo(a)anthracene	0.350	0.019	0.1836	0.3165	18.4	10	183				
Benzo(a)pyrene	0.335	0.019	0.1836	0.2808	29.5	10	204				
Benzo(b)fluoranthene	0.282	0.019	0.1836	0.2069	40.9	10.6	178				
Benzo(g,h,i)perylene	0.217	0.019	0.1836	0.1182	54.0	10	168				
Benzo(k)fluoranthene	0.210	0.019	0.1836	0.07217	75.2	27.6	181				
Bis(2-ethylhexyl)phthalate	0.17	0.368	0.1836	0	93.0	50	150				J
Chrysene	0.383	0.019	0.1836	0.3360	25.4	10	176				
Dibenzo(a,h)anthracene	0.152	0.019	0.1836	0.02633	68.2	12.2	156				
Fluoranthene	0.664	0.019	0.1836	0.6994	-19.2	10	227				S
Fluorene	0.660	0.019	0.1836	0.6429	9.2	35.2	148				S
Indeno(1,2,3-cd)pyrene	0.198	0.019	0.1836	0.08266	63.0	10	164				
Naphthalene	1.85	0.019	0.1836	2.742	-487.8	14.7	128				S
Phenanthrene	1.60	0.019	0.1836	2.074	-256.9	32.8	143				S
Pyrene	0.876	0.019	0.1836	1.013	-74.3	10	180				S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>09070650-002AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/17/2009</b>		RunNo: <b>124716</b>			
Client ID: <b>P1-B2-F (26)MS</b>		Batch ID: <b>54252</b>		<b>SW3550B</b>		Analysis Date: <b>7/17/2009</b>		SeqNo: <b>2336947</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.583		0.9157		63.6	10	131				
Surr: Nitrobenzene-d5	0.623		0.9157		68.0	10	132				
Surr: p-Terphenyl-d14	0.716		0.9157		78.2	30.6	131				

Sample ID: <b>09070650-002AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/17/2009</b>		RunNo: <b>124716</b>			
Client ID: <b>P1-B2-F (26)MSD</b>		Batch ID: <b>54252</b>		<b>SW3550B</b>		Analysis Date: <b>7/17/2009</b>		SeqNo: <b>2336948</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.953	0.019	0.1832	0.2612	377.9	36	135	0.3278	97.7	49.7	SR
Acenaphthylene	1.62	0.019	0.1832	0.8828	402.4	17.2	167	0.7790	70.1	33.3	SR
Anthracene	1.23	0.019	0.1832	0.5308	380.4	39.3	124	0.5395	77.9	51.1	SR
Benzo(a)anthracene	0.706	0.019	0.1832	0.3165	212.5	10	183	0.3503	67.3	40.6	SR
Benzo(a)pyrene	0.696	0.019	0.1832	0.2808	226.6	10	204	0.3349	70.0	56.4	SR
Benzo(b)fluoranthene	0.545	0.019	0.1832	0.2069	184.5	10.6	178	0.2820	63.6	49.7	SR
Benzo(g,h,i)perylene	0.364	0.019	0.1832	0.1182	134.3	10	168	0.2173	50.5	36.5	R
Benzo(k)fluoranthene	0.311	0.019	0.1832	0.07217	130.2	27.6	181	0.2101	38.6	42.6	
Bis(2-ethylhexyl)phthalate	ND	0.367	0.1832	0	0	50	150	0.1708	0	60.3	S
Chrysene	0.772	0.019	0.1832	0.3360	237.9	10	176	0.3825	67.4	45.1	SR
Dibenzo(a,h)anthracene	0.183	0.019	0.1832	0.02633	85.6	12.2	156	0.1515	18.9	39.9	
Fluoranthene	1.47	0.019	0.1832	0.6994	423.1	10	227	0.6641	75.8	66.2	SR
Fluorene	1.60	0.019	0.1832	0.6429	521.5	35.2	148	0.6597	83.1	65.6	SR
Indeno(1,2,3-cd)pyrene	0.307	0.019	0.1832	0.08266	122.6	10	164	0.1982	43.1	36.5	R
Naphthalene	3.63	0.019	0.1832	2.742	482.5	14.7	128	1.847	65.0	39.6	SR
Phenanthrene	3.76	0.019	0.1832	2.074	921.3	32.8	143	1.603	80.5	35.4	SR
Pyrene	1.90	0.019	0.1832	1.013	484.7	10	180	0.8761	73.8	60.1	SR
Surr: 2-Fluorobiphenyl	0.528		0.9136		57.8	10	131		0	40	
Surr: Nitrobenzene-d5	0.515		0.9136		56.4	10	132		0	40	
Surr: p-Terphenyl-d14	0.629		0.9136		68.8	30.6	131		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW9012B (TCN) Solid

Lab Order: 09070650

Report Date: 20-Jul-09

Sample ID: <b>09070650-001CMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>124757</b>					
Client ID: <b>P1-B5-F (25)MS</b>	Batch ID: <b>R124757</b>					Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2337141</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Cyanide	2.96	0.55	2.773	0	106.7	75	125				
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Sample ID: <b>09070650-001CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>124757</b>					
Client ID: <b>P1-B5-F (25)MSD</b>	Batch ID: <b>R124757</b>					Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2337142</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Cyanide	2.87	0.53	2.667	0	107.4	75	125	2.959	3.21	15	
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Sample ID: <b>MB-R124757</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>124757</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124757</b>					Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2337323</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Cyanide	< 0.01	0.01									
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Sample ID: <b>LCS-R124757</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>124757</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124757</b>					Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2337324</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Cyanide	0.10	0.01	0.1000	0	105.0	85	115				
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**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070650

**Report Date:** 20-Jul-09

**Carrier:** Terry Hattan

**Received By:** MLD

**Completed by:** *Marvin L. Darling II*

**Reviewed by:** *Shelly A. Hennessy*

**On:**

**On:**

17-Jul-09

17-Jul-09

Marvin L. Darling

Shelly A. Hennessy

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 3.2
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <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** 09481

09070690

Project Name: Amreen Champaign Project Mgr.: Pete Szazama  
 Project Number: 62403053 Cost Code: 600000  
 Sampler(s): L. Hoosier / J. Crumpton  
 Laboratory Name: Teklab  
 Location: Collinsville IL

Sample Number and (depth)	Date	Time	Matrix					Total Number of Containers
			Soil	Water	Air	Wipes	Other *	
P1-A1-W(12)	7/14	0906	X					7
P1-B5-F(25)	7/15	1348	X					7
P1-A5-W(3)	7/15	1353	X					7
P1-A5-W(8)	7/15	1400	X					7
P1-A5-W(20)	7/15	1408	X					7
P1-B2-F(26)	7/16	0740	X					7
P1-B2-F(28)	7/16	0750	X					7
P1-B3.5-F(24)	7/16	1025	X					7
P1-B3.5-F(26)	7/16	1030	X					7
P1-W-4	7/16	1300	X					2
P1-W-5	7/16	1300	X					2

Analyses by Method Name and Number

Method Name and Number	P1-A1-W(12)	P1-B5-F(25)	P1-A5-W(3)	P1-A5-W(8)	P1-A5-W(20)	P1-B2-F(26)	P1-B2-F(28)	P1-B3.5-F(24)	P1-B3.5-F(26)	P1-W-4	P1-W-5
VOCs (826d)	X	X	X	X	X	X	X	X	X		
SVOCs (827D)	X	X	X	X	X	X	X	X	X		
ECRH Metals	X	X	X	X	X	X	X	X	X		
PAHs (8200)	X	X	X	X	X	X	X	X	X		
Total Cyanide	X	X	X	X	X	X	X	X	X		
Ammoniac Cyanide	X	X	X	X	X	X	X	X	X		
PH #											
TSS											
BOD5											

Comments (Field PID)

Lab ID #'s

Laboratory Temperature upon Receipt  
3.2 ICE

Requested TAT: Push marked  5 Days  Other

Fax and/or Mail Results to: Pete Szazama and Leslie Hoosier

Send invoice to: \_\_\_\_\_

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

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

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

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

**1 DAY** 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
- Metals ..... Nitric acid (HNO<sub>3</sub>)
- Cyanide ..... Sodium hydroxide (NaOH)
- Other (Specify) .....

**Shipping:**

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

44 - on site COC

**Relinquished by:**

Signature: [Signature] Date: 7/16 Time: 1440

Signature: [Signature] Date: 7/16/09 Time: 1717

**Received by:**

Signature: [Signature] Date: 7/16/09 Time: 1440

Signature: [Signature] Date: 7/16/09 Time: 1717

July 17, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09070650

Dear Pete Sazama:

TEKLAB, INC received 5 samples on 7/16/2009 5:17:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09070650

**Report Date:** 17-Jul-09

**Cooler Receipt Temp:** 3.2 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-001  
**Report Date:** 17-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B5-F (25)  
**Collection Date:** 7/15/2009 1:48:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,1,1-Trichloroethane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,1,2-Trichloroethane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,1-Dichloro-2-propanone		1020		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,1-Dichloroethane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,1-Dichloroethene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,1-Dichloropropene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,2,3-Trichloropropane	NELAP	205		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,2,3-Trimethylbenzene		102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,2-Dibromoethane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,2-Dichlorobenzene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,2-Dichloroethane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,2-Dichloropropane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,3-Dichlorobenzene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,3-Dichloropropane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1,4-Dichlorobenzene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
1-Chlorobutane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
2,2-Dichloropropane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
2-Butanone	NELAP	1020	J	250	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
2-Chlorotoluene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
2-Hexanone	NELAP	1020		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
2-Nitropropane	NELAP	1020		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
4-Chlorotoluene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
4-Methyl-2-pentanone	NELAP	1020		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Acetone	NELAP	1020		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Acrolein	NELAP	2050		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Acrylonitrile	NELAP	205		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Allyl chloride	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Benzene	NELAP	20.5		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Bromobenzene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Bromochloromethane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-001  
**Report Date:** 17-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B5-F (25)  
**Collection Date:** 7/15/2009 1:48:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Bromodichloromethane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Bromoform	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Bromomethane	NELAP	205		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Carbon disulfide	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Carbon tetrachloride	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Chlorobenzene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Chloroethane	NELAP	205		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Chloroform	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Chloromethane	NELAP	205		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	82.0		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Cyclohexanone		2050		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Dibromochloromethane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Dibromomethane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Dichlorodifluoromethane	NELAP	205		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Ethyl acetate	NELAP	1020		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Ethyl ether	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Ethyl methacrylate	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Ethylbenzene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Heptane		410		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Hexachlorobutadiene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Hexachloroethane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Iodomethane	NELAP	205		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Isopropylbenzene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
m,p-Xylenes	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Methacrylonitrile	NELAP	1020		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Methyl Methacrylate	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Methyl tert-butyl ether	NELAP	41.0		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Methylacrylate		205		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Methylene chloride	NELAP	102	J	32	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Naphthalene	NELAP	205		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
n-Butylbenzene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
n-Hexane		410		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Nitrobenzene	NELAP	2050		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
n-Propylbenzene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
o-Xylene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Pentachloroethane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
p-Isopropyltoluene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-001  
**Report Date:** 17-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B5-F (25)  
**Collection Date:** 7/15/2009 1:48:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Propionitrile	NELAP	1020		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
sec-Butylbenzene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Styrene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
tert-Butylbenzene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Tetrachloroethene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Tetrahydrofuran	NELAP	1020		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Toluene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	82.0		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Trichloroethene	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Trichlorofluoromethane	NELAP	102		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Vinyl acetate	NELAP	1020		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Vinyl chloride	NELAP	41.0		ND	µg/Kg	12.5	7/17/2009 12:15:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		89.8	%REC	12.5	7/17/2009 12:15:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		86.2	%REC	12.5	7/17/2009 12:15:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		95.5	%REC	12.5	7/17/2009 12:15:00 PM	JSA
Surr: Toluene-d8		80.1-122		101.8	%REC	12.5	7/17/2009 12:15:00 PM	JSA
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.010	J	0.008	mg/Kg	1	7/17/2009	JMW

### Sample Narrative

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-002  
**Report Date:** 17-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (26)  
**Collection Date:** 7/16/2009 7:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,1,1-Trichloroethane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,1,2-Trichloroethane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,1-Dichloro-2-propanone		35900		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,1-Dichloroethane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,1-Dichloroethene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,1-Dichloropropene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,2,3-Trichloropropane	NELAP	7180		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,2,3-Trimethylbenzene		3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,2-Dibromoethane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,2-Dichlorobenzene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,2-Dichloroethane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,2-Dichloropropane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,3-Dichlorobenzene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,3-Dichloropropane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1,4-Dichlorobenzene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
1-Chlorobutane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
2,2-Dichloropropane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
2-Butanone	NELAP	35900		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
2-Chlorotoluene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
2-Hexanone	NELAP	35900		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
2-Nitropropane	NELAP	35900		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
4-Chlorotoluene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
4-Methyl-2-pentanone	NELAP	35900		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Acetone	NELAP	35900		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Acrolein	NELAP	71800		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Acrylonitrile	NELAP	7180		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Allyl chloride	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Benzene	NELAP	718		38500	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Bromobenzene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Bromochloromethane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA

## 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.



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-002  
**Report Date:** 17-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (26)  
**Collection Date:** 7/16/2009 7:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Bromodichloromethane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Bromoform	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Bromomethane	NELAP	7180		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Carbon disulfide	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Carbon tetrachloride	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Chlorobenzene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Chloroethane	NELAP	7180		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Chloroform	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Chloromethane	NELAP	7180		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	2870		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Cyclohexanone		71800		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Dibromochloromethane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Dibromomethane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Dichlorodifluoromethane	NELAP	7180		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Ethyl acetate	NELAP	35900		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Ethyl ether	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Ethyl methacrylate	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Ethylbenzene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Heptane		14400		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Hexachlorobutadiene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Hexachloroethane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Iodomethane	NELAP	7180		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Isopropylbenzene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
m,p-Xylenes	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Methacrylonitrile	NELAP	35900		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Methyl Methacrylate	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Methyl tert-butyl ether	NELAP	1440		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Methylacrylate		7180		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Methylene chloride	NELAP	3590	J	790	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Naphthalene	NELAP	7180	J	3500	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
n-Butylbenzene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
n-Hexane		14400		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Nitrobenzene	NELAP	71800		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
n-Propylbenzene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
o-Xylene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Pentachloroethane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
p-Isopropyltoluene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-002  
**Report Date:** 17-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (26)  
**Collection Date:** 7/16/2009 7:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Propionitrile	NELAP	35900		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
sec-Butylbenzene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Styrene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
tert-Butylbenzene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Tetrachloroethene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Tetrahydrofuran	NELAP	35900		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Toluene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	2870		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Trichloroethene	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Trichlorofluoromethane	NELAP	3590		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Vinyl acetate	NELAP	35900		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Vinyl chloride	NELAP	1440		ND	µg/Kg	500	7/17/2009 12:42:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		95.5	%REC	500	7/17/2009 12:42:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		88.8	%REC	500	7/17/2009 12:42:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		96.9	%REC	500	7/17/2009 12:42:00 PM	JSA
Surr: Toluene-d8		80.1-122		98.0	%REC	500	7/17/2009 12:42:00 PM	JSA
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.010	J	0.008	mg/Kg	1	7/17/2009	JMW

### Sample Narrative

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-003  
**Report Date:** 17-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (28)  
**Collection Date:** 7/16/2009 7:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,1,1-Trichloroethane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,1,2-Trichloroethane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,1-Dichloro-2-propanone		7630		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,1-Dichloroethane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,1-Dichloroethene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,1-Dichloropropene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,2,3-Trichloropropane	NELAP	1530		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,2,3-Trimethylbenzene		763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,2-Dibromoethane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,2-Dichlorobenzene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,2-Dichloroethane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,2-Dichloropropane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,3-Dichlorobenzene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,3-Dichloropropane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1,4-Dichlorobenzene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
1-Chlorobutane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
2,2-Dichloropropane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
2-Butanone	NELAP	7630		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
2-Chlorotoluene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
2-Hexanone	NELAP	7630		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
2-Nitropropane	NELAP	7630		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
4-Chlorotoluene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
4-Methyl-2-pentanone	NELAP	7630		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Acetone	NELAP	7630		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Acrolein	NELAP	15300		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Acrylonitrile	NELAP	1530		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Allyl chloride	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Benzene	NELAP	153		27300	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Bromobenzene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Bromochloromethane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-003  
**Report Date:** 17-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (28)  
**Collection Date:** 7/16/2009 7:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Bromodichloromethane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Bromoform	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Bromomethane	NELAP	1530		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Carbon disulfide	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Carbon tetrachloride	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Chlorobenzene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Chloroethane	NELAP	1530		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Chloroform	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Chloromethane	NELAP	1530		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	611		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Cyclohexanone		15300		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Dibromochloromethane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Dibromomethane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Dichlorodifluoromethane	NELAP	1530		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Ethyl acetate	NELAP	7630		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Ethyl ether	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Ethyl methacrylate	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Ethylbenzene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Heptane		3050		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Hexachlorobutadiene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Hexachloroethane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Iodomethane	NELAP	1530		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Isopropylbenzene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
m,p-Xylenes	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Methacrylonitrile	NELAP	7630		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Methyl Methacrylate	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Methyl tert-butyl ether	NELAP	305		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Methylacrylate		1530		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Methylene chloride	NELAP	763	J	170	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Naphthalene	NELAP	1530		1530	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
n-Butylbenzene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
n-Hexane		3050		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Nitrobenzene	NELAP	15300		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
n-Propylbenzene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
o-Xylene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Pentachloroethane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
p-Isopropyltoluene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-003  
**Report Date:** 17-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B2-F (28)  
**Collection Date:** 7/16/2009 7:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Propionitrile	NELAP	7630		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
sec-Butylbenzene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Styrene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
tert-Butylbenzene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Tetrachloroethene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Tetrahydrofuran	NELAP	7630		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Toluene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	611		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Trichloroethene	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Trichlorofluoromethane	NELAP	763		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Vinyl acetate	NELAP	7630		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Vinyl chloride	NELAP	305		ND	µg/Kg	100	7/17/2009 1:09:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		94.1	%REC	100	7/17/2009 1:09:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		90.9	%REC	100	7/17/2009 1:09:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		95.1	%REC	100	7/17/2009 1:09:00 PM	JSA
Surr: Toluene-d8		80.1-122		98.3	%REC	100	7/17/2009 1:09:00 PM	JSA
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.010	J	0.008	mg/Kg	1	7/17/2009	JMW

### Sample Narrative

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-004  
**Report Date:** 17-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (24)  
**Collection Date:** 7/16/2009 10:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,1,1-Trichloroethane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,1,2-Trichloroethane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,1-Dichloro-2-propanone		3120		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,1-Dichloroethane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,1-Dichloroethene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,1-Dichloropropene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,2,3-Trichloropropane	NELAP	625		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,2,3-Trimethylbenzene		312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	312	J	110	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,2-Dibromoethane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,2-Dichlorobenzene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,2-Dichloroethane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,2-Dichloropropane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,3-Dichlorobenzene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,3-Dichloropropane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1,4-Dichlorobenzene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
1-Chlorobutane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
2,2-Dichloropropane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
2-Butanone	NELAP	3120		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
2-Chlorotoluene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
2-Hexanone	NELAP	3120		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
2-Nitropropane	NELAP	3120		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
4-Chlorotoluene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
4-Methyl-2-pentanone	NELAP	3120		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Acetone	NELAP	3120		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Acrolein	NELAP	6250		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Acrylonitrile	NELAP	625		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Allyl chloride	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Benzene	NELAP	62.5		148	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Bromobenzene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Bromochloromethane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-004  
**Report Date:** 17-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (24)  
**Collection Date:** 7/16/2009 10:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Bromodichloromethane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Bromoform	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Bromomethane	NELAP	625		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Carbon disulfide	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Carbon tetrachloride	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Chlorobenzene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Chloroethane	NELAP	625		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Chloroform	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Chloromethane	NELAP	625		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	250		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Cyclohexanone		6250		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Dibromochloromethane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Dibromomethane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Dichlorodifluoromethane	NELAP	625		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Ethyl acetate	NELAP	3120		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Ethyl ether	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Ethyl methacrylate	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Ethylbenzene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Heptane		1250		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Hexachlorobutadiene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Hexachloroethane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Iodomethane	NELAP	625		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Isopropylbenzene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
m,p-Xylenes	NELAP	312	J	140	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Methacrylonitrile	NELAP	3120		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Methyl Methacrylate	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Methyl tert-butyl ether	NELAP	125		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Methylacrylate		625		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Methylene chloride	NELAP	312	J	76	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Naphthalene	NELAP	625		4930	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
n-Butylbenzene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
n-Hexane		1250		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Nitrobenzene	NELAP	6250		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
n-Propylbenzene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
o-Xylene	NELAP	312	J	68	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Pentachloroethane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
p-Isopropyltoluene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-004  
**Report Date:** 17-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (24)  
**Collection Date:** 7/16/2009 10:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Propionitrile	NELAP	3120		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
sec-Butylbenzene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Styrene	NELAP	312	J	140	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
tert-Butylbenzene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Tetrachloroethene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Tetrahydrofuran	NELAP	3120		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Toluene	NELAP	312	J	200	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	250		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Trichloroethene	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Trichlorofluoromethane	NELAP	312		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Vinyl acetate	NELAP	3120		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Vinyl chloride	NELAP	125		ND	µg/Kg	50	7/17/2009 1:36:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		93.2	%REC	50	7/17/2009 1:36:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		90.5	%REC	50	7/17/2009 1:36:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		98.3	%REC	50	7/17/2009 1:36:00 PM	JSA
Surr: Toluene-d8		80.1-122		98.1	%REC	50	7/17/2009 1:36:00 PM	JSA
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.010	J	0.007	mg/Kg	1	7/17/2009	JMW

### Sample Narrative

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-005  
**Report Date:** 17-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (26)  
**Collection Date:** 7/16/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,1,1-Trichloroethane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,1,2-Trichloroethane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,1-Dichloro-2-propanone		1310		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,1-Dichloroethane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,1-Dichloroethene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,1-Dichloropropene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,2,3-Trichloropropane	NELAP	263		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,2,3-Trimethylbenzene		131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,2-Dibromoethane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,2-Dichlorobenzene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,2-Dichloroethane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,2-Dichloropropane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,3-Dichlorobenzene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,3-Dichloropropane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1,4-Dichlorobenzene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
1-Chlorobutane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
2,2-Dichloropropane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
2-Butanone	NELAP	1310	J	360	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
2-Chlorotoluene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
2-Hexanone	NELAP	1310		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
2-Nitropropane	NELAP	1310		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
4-Chlorotoluene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
4-Methyl-2-pentanone	NELAP	1310		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Acetone	NELAP	1310		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Acrolein	NELAP	2630		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Acrylonitrile	NELAP	263		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Allyl chloride	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Benzene	NELAP	26.3		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Bromobenzene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Bromochloromethane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-005  
**Report Date:** 17-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (26)  
**Collection Date:** 7/16/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Bromodichloromethane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Bromoform	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Bromomethane	NELAP	263		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Carbon disulfide	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Carbon tetrachloride	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Chlorobenzene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Chloroethane	NELAP	263		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Chloroform	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Chloromethane	NELAP	263		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	105		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Cyclohexanone		2630		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Dibromochloromethane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Dibromomethane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Dichlorodifluoromethane	NELAP	263		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Ethyl acetate	NELAP	1310		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Ethyl ether	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Ethyl methacrylate	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Ethylbenzene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Heptane		525		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Hexachlorobutadiene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Hexachloroethane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Iodomethane	NELAP	263		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Isopropylbenzene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
m,p-Xylenes	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Methacrylonitrile	NELAP	1310		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Methyl Methacrylate	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Methyl tert-butyl ether	NELAP	52.5		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Methylacrylate		263		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Methylene chloride	NELAP	131	J	39	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Naphthalene	NELAP	263		295	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
n-Butylbenzene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
n-Hexane		525		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Nitrobenzene	NELAP	2630		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
n-Propylbenzene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
o-Xylene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Pentachloroethane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
p-Isopropyltoluene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070650  
**Lab ID:** 09070650-005  
**Report Date:** 17-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-B3.5-F (26)  
**Collection Date:** 7/16/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Propionitrile	NELAP	1310		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
sec-Butylbenzene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Styrene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
tert-Butylbenzene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Tetrachloroethene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Tetrahydrofuran	NELAP	1310		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Toluene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	105		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Trichloroethene	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Trichlorofluoromethane	NELAP	131		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Vinyl acetate	NELAP	1310		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Vinyl chloride	NELAP	52.5		ND	µg/Kg	12.5	7/17/2009 2:03:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		86.4	%REC	12.5	7/17/2009 2:03:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		87.7	%REC	12.5	7/17/2009 2:03:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		93.5	%REC	12.5	7/17/2009 2:03:00 PM	JSA
Surr: Toluene-d8		80.1-122		100.4	%REC	12.5	7/17/2009 2:03:00 PM	JSA
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.010	J	0.008	mg/Kg	1	7/17/2009	JMW

### Sample Narrative

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070650

**Report Date:** 17-Jul-09

Carrier: Terry Hattan

Received By: MLD

Completed by:

*Marvin L. Darling II*

Reviewed by:

*Shelly A. Hennessy*

On:

17-Jul-09

On:

17-Jul-09

Marvin L. Darling

Shelly A. Hennessy

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 3.2
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <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.

July 23, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09070651

Dear Pete Sazama:

TEKLAB, INC received 4 samples on 7/16/2009 5:17:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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,

A handwritten signature in black ink that reads "Heather A. White".

Heather A. White  
Project Manager  
(618)344-1004 ex 20

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070651

**Report Date:** 23-Jul-09

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Lab Sample ID	Client Sample ID	Fractions	Collection Date
09070651-001	P1-A1-W (12)	6	7/14/2009 9:06:00 AM
09070651-002	P1-A5-W (3)	6	7/15/2009 1:53:00 PM
09070651-003	P1-A5-W (8)	6	7/15/2009 2:00:00 PM
09070651-004	P1-A5-W (20)	6	7/15/2009 2:08:00 PM

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09070651

**Report Date:** 23-Jul-09

**Cooler Receipt Temp:** 3.2 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070651

**Client Sample ID:** P1-A1-W (12)

**Lab ID:** 09070651-001

**Collection Date:** 7/14/2009 9:06:00 AM

**Report Date:** 23-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		10.2	%	1	7/17/2009 5:00:00 PM	JMT
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.8	%	1	7/17/2009 5:00:00 PM	JMT
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		5.52	mg/Kg-dry	1	7/20/2009 4:25:59 PM	LAL
Barium	NELAP	0.50		16.7	mg/Kg-dry	1	7/20/2009 4:25:59 PM	LAL
Cadmium	NELAP	0.20	J	0.15	mg/Kg-dry	1	7/20/2009 4:25:59 PM	LAL
Chromium	NELAP	1.00		15.4	mg/Kg-dry	1	7/20/2009 4:25:59 PM	LAL
Lead	NELAP	4.00		11.3	mg/Kg-dry	1	7/20/2009 4:25:59 PM	LAL
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/20/2009 4:25:59 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	7/21/2009 2:25:06 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.037		0.435	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Acenaphthylene	NELAP	0.037		2.69	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Anthracene	NELAP	0.037		1.06	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Benzo(a)anthracene	NELAP	0.037		0.567	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Benzo(a)pyrene	NELAP	0.037		0.583	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.037		0.437	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.037		0.279	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.037		0.155	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.724		ND	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Chrysene	NELAP	0.037		0.598	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.037		0.062	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Fluoranthene	NELAP	0.037		1.17	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Fluorene	NELAP	0.037		1.67	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.037		0.191	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Naphthalene	NELAP	0.037		10.2	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Phenanthrene	NELAP	0.037		3.57	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Pyrene	NELAP	0.037		1.70	mg/Kg-dry	10	7/20/2009 9:52:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		65.2	%REC	10	7/20/2009 9:52:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		63.6	%REC	10	7/20/2009 9:52:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		72.8	%REC	10	7/20/2009 9:52:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
1,2-Dichlorobenzene	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
1,3-Dichlorobenzene	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
1,4-Dichlorobenzene	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-001  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (12)  
**Collection Date:** 7/14/2009 9:06:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
2,4-Dichlorophenol	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
2,4-Dimethylphenol	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
2,4-Dinitrophenol	NELAP	5.40		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
2,4-Dinitrotoluene	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
2,6-Dinitrotoluene	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
2-Chloronaphthalene	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
2-Chlorophenol	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
2-Methoxy-4-methylphenol		3.51		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
2-Methylnaphthalene	NELAP	1.89		6.26	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
2-Nitroaniline	NELAP	5.40		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
2-Nitrophenol	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
3-Nitroaniline	NELAP	5.40		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	5.40		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
4-Chloroaniline	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
4-Nitroaniline	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
4-Nitrophenol	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Aniline	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Azobenzene		1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Benzidine	NELAP	5.71		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Benzoic acid	NELAP	8.11		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Benzyl alcohol	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Butyl benzyl phthalate	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Carbazole		2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Dibenzofuran	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Diethyl phthalate	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Dimethyl phthalate	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Di-n-butyl phthalate	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Di-n-octyl phthalate	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Hexachlorobenzene	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-001  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (12)  
**Collection Date:** 7/14/2009 9:06:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Hexachloroethane	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Isophorone	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
m,p-Cresol	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Nitrobenzene	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
N-Nitrosodimethylamine	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
o-Cresol	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Pentachlorophenol	NELAP	10.8		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Phenol	NELAP	1.89		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Pyridine	NELAP	2.70		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
1,2-Diphenylhydrazine		4.54		ND	mg/Kg-dry	5	7/18/2009 12:39:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		57.3	%REC	5	7/18/2009 12:39:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		89.8	%REC	5	7/18/2009 12:39:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		70.7	%REC	5	7/18/2009 12:39:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		69.5	%REC	5	7/18/2009 12:39:00 PM	DMH
Surr: Phenol-d5		34.9-110		79.3	%REC	5	7/18/2009 12:39:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		75.8	%REC	5	7/18/2009 12:39:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,1,1-Trichloroethane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,1,2-Trichloroethane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,1-Dichloro-2-propanone		57200		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,1-Dichloroethane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,1-Dichloroethene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,1-Dichloropropene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,2,3-Trichloropropane	NELAP	11400		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,2,3-Trimethylbenzene		5720	J	1700	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	5720	J	4700	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,2-Dibromoethane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,2-Dichlorobenzene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-001  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (12)  
**Collection Date:** 7/14/2009 9:06:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,2-Dichloropropane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	5720	J	1300	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,3-Dichlorobenzene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,3-Dichloropropane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1,4-Dichlorobenzene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
1-Chlorobutane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
2,2-Dichloropropane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
2-Butanone	NELAP	57200		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
2-Chlorotoluene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
2-Hexanone	NELAP	57200		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
2-Nitropropane	NELAP	57200		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
4-Chlorotoluene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
4-Methyl-2-pentanone	NELAP	57200		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Acetone	NELAP	57200		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Acrolein	NELAP	114000		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Acrylonitrile	NELAP	11400		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Allyl chloride	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Benzene	NELAP	1140		23900	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Bromobenzene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Bromochloromethane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Bromodichloromethane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Bromoform	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Bromomethane	NELAP	11400		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Carbon disulfide	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Carbon tetrachloride	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Chlorobenzene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Chloroethane	NELAP	11400		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Chloroform	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Chloromethane	NELAP	11400		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	4570		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Cyclohexanone		114000		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Dibromochloromethane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Dibromomethane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Dichlorodifluoromethane	NELAP	11400		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Ethyl acetate	NELAP	57200		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Ethyl ether	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070651

**Client Sample ID:** P1-A1-W (12)

**Lab ID:** 09070651-001

**Collection Date:** 7/14/2009 9:06:00 AM

**Report Date:** 23-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Ethylbenzene	NELAP	5720	J	3400	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Heptane		22900		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Hexachlorobutadiene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Hexachloroethane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Iodomethane	NELAP	11400		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Isopropylbenzene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
m,p-Xylenes	NELAP	5720		12100	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Methacrylonitrile	NELAP	57200		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Methyl Methacrylate	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Methyl tert-butyl ether	NELAP	2290		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Methylacrylate		11400		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Methylene chloride	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Naphthalene	NELAP	11400		151000	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
n-Butylbenzene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
n-Hexane		22900		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Nitrobenzene	NELAP	114000		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
n-Propylbenzene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
o-Xylene	NELAP	5720	J	5200	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Pentachloroethane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
p-Isopropyltoluene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Propionitrile	NELAP	57200		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
sec-Butylbenzene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Styrene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
tert-Butylbenzene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Tetrachloroethene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Tetrahydrofuran	NELAP	57200		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Toluene	NELAP	5720		30200	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	4570		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Trichloroethene	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Trichlorofluoromethane	NELAP	5720		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Vinyl acetate	NELAP	57200		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Vinyl chloride	NELAP	2290		ND	µg/Kg-dry	500	7/17/2009 2:34:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		91.8	%REC	500	7/17/2009 2:34:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		93.0	%REC	500	7/17/2009 2:34:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		96.2	%REC	500	7/17/2009 2:34:00 PM	JSA
Surr: Toluene-d8		80.1-122		97.9	%REC	500	7/17/2009 2:34:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-001  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A1-W (12)  
**Collection Date:** 7/14/2009 9:06:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.008</b>	mg/Kg-dry	1	7/20/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.557		<b>Interference</b>	mg/Kg-dry	1	7/20/2009 5:47:21 PM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.56		<b>&lt; 0.56</b>	mg/Kg-dry	1	7/20/2009 5:47:21 PM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070651

**Client Sample ID:** P1-A5-W (3)

**Lab ID:** 09070651-002

**Collection Date:** 7/15/2009 1:53:00 PM

**Report Date:** 23-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst	
<b><u>ASTM D2974</u></b>									
Percent Moisture		0.1		23.4	%	1	7/17/2009 5:00:00 PM	JMT	
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>									
Total Solids		0.1		76.6	%	1	7/17/2009 5:00:00 PM	JMT	
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>									
Arsenic	NELAP	2.40	J	1.2	mg/Kg-dry	1	7/21/2009 9:20:39 AM	LAL	
Barium	NELAP	0.48		101	mg/Kg-dry	1	7/20/2009 4:32:40 PM	LAL	
Cadmium	NELAP	0.19	J	0.15	mg/Kg-dry	1	7/20/2009 4:32:40 PM	LAL	
Chromium	NELAP	0.96		25.5	mg/Kg-dry	1	7/20/2009 4:32:40 PM	LAL	
Lead	NELAP	3.85		18.3	mg/Kg-dry	1	7/20/2009 4:32:40 PM	LAL	
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/20/2009 4:32:40 PM	LAL	
<b><u>SW-846 3050B, METALS BY GFAA</u></b>									
Selenium	7740	NELAP	0.577	J	0.49	mg/Kg-dry	1	7/21/2009 3:06:20 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
Acenaphthene	NELAP	0.437		60.7	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Acenaphthylene	NELAP	0.437		4.63	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Anthracene	NELAP	0.437		26.3	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Benzo(a)anthracene	NELAP	0.437		12.0	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Benzo(a)pyrene	NELAP	0.437		11.4	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Benzo(b)fluoranthene	NELAP	0.437		8.61	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Benzo(g,h,i)perylene	NELAP	0.437		4.86	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Benzo(k)fluoranthene	NELAP	0.437		3.02	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Bis(2-ethylhexyl)phthalate	NELAP	8.61		ND	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Chrysene	NELAP	0.437		13.3	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Dibenzo(a,h)anthracene	NELAP	0.437		1.16	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Fluoranthene	NELAP	0.437		28.8	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Fluorene	NELAP	0.437		25.2	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Indeno(1,2,3-cd)pyrene	NELAP	0.437		3.64	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Naphthalene	NELAP	0.437		187	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Phenanthrene	NELAP	0.437		77.8	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Pyrene	NELAP	0.437		39.9	mg/Kg-dry	100	7/20/2009 10:26:00 AM	MAV	
Surr: 2-Fluorobiphenyl		10-131		76.0	%REC	100	7/20/2009 10:26:00 AM	MAV	
Surr: Nitrobenzene-d5		10-132		60.0	%REC	100	7/20/2009 10:26:00 AM	MAV	
Surr: p-Terphenyl-d14		30.6-131		76.0	%REC	100	7/20/2009 10:26:00 AM	MAV	
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
1,2,4-Trichlorobenzene	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH	
1,2-Dichlorobenzene	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH	
1,3-Dichlorobenzene	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH	
1,4-Dichlorobenzene	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH	

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-002  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A5-W (3)  
**Collection Date:** 7/15/2009 1:53:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
2,4-Dichlorophenol	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
2,4-Dimethylphenol	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
2,4-Dinitrophenol	NELAP	12.8		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
2,4-Dinitrotoluene	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
2,6-Dinitrotoluene	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
2-Chloronaphthalene	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
2-Chlorophenol	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
2-Methoxy-4-methylphenol		8.35		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
2-Methylnaphthalene	NELAP	10.7		18.5	mg/Kg-dry	50	7/21/2009 12:20:00 PM	DMH
2-Nitroaniline	NELAP	12.8		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
2-Nitrophenol	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
3-Nitroaniline	NELAP	12.8		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	12.8		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
4-Chloroaniline	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
4-Nitroaniline	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
4-Nitrophenol	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Aniline	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Azobenzene		4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Benzidine	NELAP	13.6		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Benzoic acid	NELAP	19.3		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Benzyl alcohol	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Butyl benzyl phthalate	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Carbazole		6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Dibenzofuran	NELAP	4.50		4.71	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Diethyl phthalate	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Dimethyl phthalate	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Di-n-butyl phthalate	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Di-n-octyl phthalate	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Hexachlorobenzene	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-002  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A5-W (3)  
**Collection Date:** 7/15/2009 1:53:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Hexachloroethane	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Isophorone	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
m,p-Cresol	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Nitrobenzene	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
N-Nitrosodimethylamine	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
o-Cresol	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Pentachlorophenol	NELAP	25.7		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Phenol	NELAP	4.50		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Pyridine	NELAP	6.42		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
1,2-Diphenylhydrazine		10.8		ND	mg/Kg-dry	10	7/18/2009 1:09:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		66.5	%REC	10	7/18/2009 1:09:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		94.6	%REC	10	7/18/2009 1:09:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		66.1	%REC	10	7/18/2009 1:09:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		83.4	%REC	10	7/18/2009 1:09:00 PM	DMH
Surr: Phenol-d5		34.9-110		74.7	%REC	10	7/18/2009 1:09:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		79.0	%REC	10	7/18/2009 1:09:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,1,1-Trichloroethane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,1,2-Trichloroethane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,1-Dichloro-2-propanone		51700		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,1-Dichloroethane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,1-Dichloroethene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,1-Dichloropropene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,2,3-Trichloropropane	NELAP	10300		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,2,3-Trimethylbenzene		5170		6250	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	5170		16400	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,2-Dibromoethane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,2-Dichlorobenzene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-002  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A5-W (3)  
**Collection Date:** 7/15/2009 1:53:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,2-Dichloropropane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	5170	J	3800	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,3-Dichlorobenzene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,3-Dichloropropane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1,4-Dichlorobenzene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
1-Chlorobutane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
2,2-Dichloropropane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
2-Butanone	NELAP	51700		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
2-Chlorotoluene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
2-Hexanone	NELAP	51700		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
2-Nitropropane	NELAP	51700		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
4-Chlorotoluene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
4-Methyl-2-pentanone	NELAP	51700		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Acetone	NELAP	51700		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Acrolein	NELAP	103000		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Acrylonitrile	NELAP	10300		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Allyl chloride	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Benzene	NELAP	1030		1390	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Bromobenzene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Bromochloromethane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Bromodichloromethane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Bromoform	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Bromomethane	NELAP	10300		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Carbon disulfide	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Carbon tetrachloride	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Chlorobenzene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Chloroethane	NELAP	10300		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Chloroform	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Chloromethane	NELAP	10300		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	4140		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Cyclohexanone		103000		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Dibromochloromethane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Dibromomethane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Dichlorodifluoromethane	NELAP	10300		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Ethyl acetate	NELAP	51700		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Ethyl ether	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-002  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A5-W (3)  
**Collection Date:** 7/15/2009 1:53:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Ethyl methacrylate	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Ethylbenzene	NELAP	5170		22200	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Heptane		20700		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Hexachlorobutadiene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Hexachloroethane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Iodomethane	NELAP	10300		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Isopropylbenzene	NELAP	5170	J	2900	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
m,p-Xylenes	NELAP	5170		8540	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Methacrylonitrile	NELAP	51700		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Methyl Methacrylate	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Methyl tert-butyl ether	NELAP	2070		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Methylacrylate		10300		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Methylene chloride	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Naphthalene	NELAP	51700		357000	µg/Kg-dry	2500	7/20/2009 2:03:00 PM	JSA
n-Butylbenzene	NELAP	5170		12300	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
n-Hexane		20700		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Nitrobenzene	NELAP	103000		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
n-Propylbenzene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
o-Xylene	NELAP	5170		7770	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Pentachloroethane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
p-Isopropyltoluene	NELAP	5170	J	1300	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Propionitrile	NELAP	51700		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
sec-Butylbenzene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Styrene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
tert-Butylbenzene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Tetrachloroethene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Tetrahydrofuran	NELAP	51700		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Toluene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	4140		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Trichloroethene	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Trichlorofluoromethane	NELAP	5170		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Vinyl acetate	NELAP	51700		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Vinyl chloride	NELAP	2070		ND	µg/Kg-dry	500	7/17/2009 3:01:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		92.5	%REC	500	7/17/2009 3:01:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		93.5	%REC	500	7/17/2009 3:01:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		97.1	%REC	500	7/17/2009 3:01:00 PM	JSA
Surr: Toluene-d8		80.1-122		97.7	%REC	500	7/17/2009 3:01:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-002  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A5-W (3)  
**Collection Date:** 7/15/2009 1:53:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		<b>0.046</b>	mg/Kg-dry	1	7/20/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.653		<b>Interference</b>	mg/Kg-dry	1	7/20/2009 5:47:21 PM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.65		<b>&lt; 0.65</b>	mg/Kg-dry	1	7/20/2009 5:47:21 PM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-003  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A5-W (8)  
**Collection Date:** 7/15/2009 2:00:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		12.1	%	1	7/17/2009 5:00:00 PM	JMT
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.9	%	1	7/17/2009 5:00:00 PM	JMT
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		7.16	mg/Kg-dry	1	7/20/2009 4:58:38 PM	LAL
Barium	NELAP	0.48		24.3	mg/Kg-dry	1	7/20/2009 4:58:38 PM	LAL
Cadmium	NELAP	0.19	J	0.18	mg/Kg-dry	1	7/20/2009 4:58:38 PM	LAL
Chromium	NELAP	0.96		17.8	mg/Kg-dry	1	7/20/2009 4:58:38 PM	LAL
Lead	NELAP	3.85		13.7	mg/Kg-dry	1	7/20/2009 4:58:38 PM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/20/2009 4:58:38 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	7/21/2009 2:31:52 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.381		8.70	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Acenaphthylene	NELAP	0.381		1.01	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Anthracene	NELAP	0.381		3.84	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Benzo(a)anthracene	NELAP	0.381		1.65	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Benzo(a)pyrene	NELAP	0.381		1.39	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.381		1.08	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.381		0.595	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.381	J	0.34	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	7.52		ND	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Chrysene	NELAP	0.381		1.57	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.381		ND	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Fluoranthene	NELAP	0.381		3.67	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Fluorene	NELAP	0.381		5.16	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.381		0.449	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Naphthalene	NELAP	0.381		33.5	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Phenanthrene	NELAP	0.381		13.8	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Pyrene	NELAP	0.381		5.22	mg/Kg-dry	100	7/20/2009 11:01:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		56.0	%REC	100	7/20/2009 11:01:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		56.0	%REC	100	7/20/2009 11:01:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		64.0	%REC	100	7/20/2009 11:01:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
1,2-Dichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
1,3-Dichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
1,4-Dichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-003  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A5-W (8)  
**Collection Date:** 7/15/2009 2:00:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
2,4-Dichlorophenol	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
2,4-Dimethylphenol	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
2,4-Dinitrophenol	NELAP	11.2		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
2,4-Dinitrotoluene	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
2,6-Dinitrotoluene	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
2-Chloronaphthalene	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
2-Chlorophenol	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
2-Methoxy-4-methylphenol		7.29		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
2-Methylnaphthalene	NELAP	3.93		18.5	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
2-Nitroaniline	NELAP	11.2		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
2-Nitrophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
3-Nitroaniline	NELAP	11.2		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	11.2		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
4-Chloroaniline	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
4-Nitroaniline	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
4-Nitrophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Aniline	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Azobenzene		3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Benzidine	NELAP	11.8		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Benzoic acid	NELAP	16.8		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Benzyl alcohol	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Butyl benzyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Carbazole		5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Dibenzofuran	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Diethyl phthalate	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Dimethyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Di-n-butyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Di-n-octyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Hexachlorobenzene	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070651

**Client Sample ID:** P1-A5-W (8)

**Lab ID:** 09070651-003

**Collection Date:** 7/15/2009 2:00:00 PM

**Report Date:** 23-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Hexachloroethane	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Isophorone	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
m,p-Cresol	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Nitrobenzene	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
N-Nitrosodimethylamine	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
o-Cresol	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Pentachlorophenol	NELAP	22.4		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Phenol	NELAP	3.93		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Pyridine	NELAP	5.61		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
1,2-Diphenylhydrazine		9.42		ND	mg/Kg-dry	10	7/18/2009 1:39:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		48.1	%REC	10	7/18/2009 1:39:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		81.4	%REC	10	7/18/2009 1:39:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		68.7	%REC	10	7/18/2009 1:39:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		62.7	%REC	10	7/18/2009 1:39:00 PM	DMH
Surr: Phenol-d5		34.9-110		72.7	%REC	10	7/18/2009 1:39:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		69.9	%REC	10	7/18/2009 1:39:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,1,1-Trichloroethane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,1,2-Trichloroethane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,1-Dichloro-2-propanone		41600		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,1-Dichloroethane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,1-Dichloroethene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,1-Dichloropropene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,2,3-Trichloropropane	NELAP	8330		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,2,3-Trimethylbenzene		4160		4420	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	4160		12000	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,2-Dibromoethane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,2-Dichlorobenzene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-003  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A5-W (8)  
**Collection Date:** 7/15/2009 2:00:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,2-Dichloropropane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	4160	J	3000	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,3-Dichlorobenzene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,3-Dichloropropane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1,4-Dichlorobenzene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
1-Chlorobutane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
2,2-Dichloropropane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
2-Butanone	NELAP	41600		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
2-Chlorotoluene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
2-Hexanone	NELAP	41600		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
2-Nitropropane	NELAP	41600		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
4-Chlorotoluene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
4-Methyl-2-pentanone	NELAP	41600		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Acetone	NELAP	41600		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Acrolein	NELAP	83300		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Acrylonitrile	NELAP	8330		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Allyl chloride	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Benzene	NELAP	833		1350	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Bromobenzene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Bromochloromethane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Bromodichloromethane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Bromoform	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Bromomethane	NELAP	8330		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Carbon disulfide	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Carbon tetrachloride	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Chlorobenzene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Chloroethane	NELAP	8330		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Chloroform	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Chloromethane	NELAP	8330		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	3330		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Cyclohexanone		83300		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Dibromochloromethane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Dibromomethane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Dichlorodifluoromethane	NELAP	8330		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Ethyl acetate	NELAP	41600		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Ethyl ether	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-003  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A5-W (8)  
**Collection Date:** 7/15/2009 2:00:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Ethyl methacrylate	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Ethylbenzene	NELAP	4160		13200	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Heptane		16700		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Hexachlorobutadiene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Hexachloroethane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Iodomethane	NELAP	8330		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Isopropylbenzene	NELAP	4160	J	1900	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
m,p-Xylenes	NELAP	4160		7240	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Methacrylonitrile	NELAP	41600		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Methyl Methacrylate	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Methyl tert-butyl ether	NELAP	1670		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Methylacrylate		8330		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Methylene chloride	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Naphthalene	NELAP	41600		321000	µg/Kg-dry	2500	7/20/2009 2:29:00 PM	JSA
n-Butylbenzene	NELAP	4160	J	3900	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
n-Hexane		16700		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Nitrobenzene	NELAP	83300		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
n-Propylbenzene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
o-Xylene	NELAP	4160		5420	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Pentachloroethane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
p-Isopropyltoluene	NELAP	4160	J	920	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Propionitrile	NELAP	41600		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
sec-Butylbenzene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Styrene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
tert-Butylbenzene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Tetrachloroethene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Tetrahydrofuran	NELAP	41600		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Toluene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	3330		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Trichloroethene	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Trichlorofluoromethane	NELAP	4160		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Vinyl acetate	NELAP	41600		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Vinyl chloride	NELAP	1670		ND	µg/Kg-dry	500	7/17/2009 3:28:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		93.5	%REC	500	7/17/2009 3:28:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		95.5	%REC	500	7/17/2009 3:28:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		97.4	%REC	500	7/17/2009 3:28:00 PM	JSA
Surr: Toluene-d8		80.1-122		95.5	%REC	500	7/17/2009 3:28:00 PM	JSA



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-003  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A5-W (8)  
**Collection Date:** 7/15/2009 2:00:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.009</b>	mg/Kg-dry	1	7/20/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.569		<b>0.783</b>	mg/Kg-dry	1	7/20/2009 5:47:21 PM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.57		<b>0.92</b>	mg/Kg-dry	1	7/20/2009 5:47:21 PM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070651

**Client Sample ID:** P1-A5-W (20)

**Lab ID:** 09070651-004

**Collection Date:** 7/15/2009 2:08:00 PM

**Report Date:** 23-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		10.2	%	1	7/17/2009 5:00:00 PM	JMT
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.8	%	1	7/17/2009 5:00:00 PM	JMT
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		5.25	mg/Kg-dry	1	7/20/2009 5:05:20 PM	LAL
Barium	NELAP	0.48		17.6	mg/Kg-dry	1	7/20/2009 5:05:20 PM	LAL
Cadmium	NELAP	0.19	J	0.15	mg/Kg-dry	1	7/20/2009 5:05:20 PM	LAL
Chromium	NELAP	0.96		16.4	mg/Kg-dry	1	7/20/2009 5:05:20 PM	LAL
Lead	NELAP	3.85		12.4	mg/Kg-dry	1	7/20/2009 5:05:20 PM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/20/2009 5:05:20 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.556	< 0.556	mg/Kg-dry	1	7/21/2009 2:41:58 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.013	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Acenaphthylene	NELAP	0.004	J	0.003	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Anthracene	NELAP	0.004		0.006	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.007	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Chrysene	NELAP	0.004		0.004	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Fluoranthene	NELAP	0.004		0.008	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Fluorene	NELAP	0.004		0.008	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Naphthalene	NELAP	0.004		0.080	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Phenanthrene	NELAP	0.004		0.023	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Pyrene	NELAP	0.004		0.012	mg/Kg-dry	1	7/20/2009 11:35:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		55.5	%REC	1	7/20/2009 11:35:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		61.5	%REC	1	7/20/2009 11:35:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		64.1	%REC	1	7/20/2009 11:35:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-004  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A5-W (20)  
**Collection Date:** 7/15/2009 2:08:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
2-Chloronaphthalene	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
2-Chlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
2-Methoxy-4-methylphenol		0.727		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
2-Methylnaphthalene	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
2-Nitrophenol	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
4-Chloroaniline	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
4-Nitroaniline	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
4-Nitrophenol	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Aniline	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Azobenzene		0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Benzidine	NELAP	1.18		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Benzoic acid	NELAP	1.68		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Benzyl alcohol	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Carbazole		0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Dibenzofuran	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Diethyl phthalate	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Dimethyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Hexachlorobenzene	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070651

**Client Sample ID:** P1-A5-W (20)

**Lab ID:** 09070651-004

**Collection Date:** 7/15/2009 2:08:00 PM

**Report Date:** 23-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Hexachloroethane	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Isophorone	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
m,p-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Nitrobenzene	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
o-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Pentachlorophenol	NELAP	2.24		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Phenol	NELAP	0.391		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Pyridine	NELAP	0.559		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
1,2-Diphenylhydrazine		0.940		ND	mg/Kg-dry	1	7/18/2009 2:10:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		74.8	%REC	1	7/18/2009 2:10:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		84.8	%REC	1	7/18/2009 2:10:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		75.0	%REC	1	7/18/2009 2:10:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		69.7	%REC	1	7/18/2009 2:10:00 PM	DMH
Surr: Phenol-d5		34.9-110		81.4	%REC	1	7/18/2009 2:10:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		75.5	%REC	1	7/18/2009 2:10:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,1,1-Trichloroethane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,1,2-Trichloroethane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,1-Dichloro-2-propanone		1120		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,1-Dichloroethane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,1-Dichloroethene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,1-Dichloropropene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,2,3-Trichloropropane	NELAP	224		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,2,3-Trimethylbenzene		112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,2-Dibromoethane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,2-Dichlorobenzene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-004  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A5-W (20)  
**Collection Date:** 7/15/2009 2:08:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,2-Dichloropropane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,3-Dichlorobenzene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,3-Dichloropropane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1,4-Dichlorobenzene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
1-Chlorobutane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
2,2-Dichloropropane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
2-Butanone	NELAP	1120	J	380	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
2-Chlorotoluene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
2-Hexanone	NELAP	1120		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
2-Nitropropane	NELAP	1120		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
4-Chlorotoluene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
4-Methyl-2-pentanone	NELAP	1120		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Acetone	NELAP	1120		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Acrolein	NELAP	2240		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Acrylonitrile	NELAP	224		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Allyl chloride	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Benzene	NELAP	449		44800	µg/Kg-dry	250	7/20/2009 5:10:00 PM	JSA
Bromobenzene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Bromochloromethane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Bromodichloromethane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Bromoform	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Bromomethane	NELAP	224		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Carbon disulfide	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Carbon tetrachloride	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Chlorobenzene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Chloroethane	NELAP	224		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Chloroform	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Chloromethane	NELAP	224		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	89.7		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Cyclohexanone		2240		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Dibromochloromethane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Dibromomethane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Dichlorodifluoromethane	NELAP	224		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Ethyl acetate	NELAP	1120		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Ethyl ether	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-004  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A5-W (20)  
**Collection Date:** 7/15/2009 2:08:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Ethylbenzene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Heptane		449		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Hexachlorobutadiene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Hexachloroethane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Iodomethane	NELAP	224		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Isopropylbenzene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
m,p-Xylenes	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Methacrylonitrile	NELAP	1120		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Methyl Methacrylate	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Methyl tert-butyl ether	NELAP	44.9		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Methylacrylate		224		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Methylene chloride	NELAP	112	J	40	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Naphthalene	NELAP	224		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
n-Butylbenzene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
n-Hexane		449		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Nitrobenzene	NELAP	2240		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
n-Propylbenzene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
o-Xylene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Pentachloroethane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
p-Isopropyltoluene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Propionitrile	NELAP	1120		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
sec-Butylbenzene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Styrene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
tert-Butylbenzene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Tetrachloroethene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Tetrahydrofuran	NELAP	1120		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Toluene	NELAP	112		4880	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	89.7		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Trichloroethene	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Trichlorofluoromethane	NELAP	112		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Vinyl acetate	NELAP	1120		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Vinyl chloride	NELAP	44.9		ND	µg/Kg-dry	12.5	7/20/2009 1:09:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		101.5	%REC	12.5	7/20/2009 1:09:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		101.9	%REC	12.5	7/20/2009 1:09:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		105.1	%REC	12.5	7/20/2009 1:09:00 PM	JSA
Surr: Toluene-d8		80.1-122		95.4	%REC	12.5	7/20/2009 1:09:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070651  
**Lab ID:** 09070651-004  
**Report Date:** 23-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-A5-W (20)  
**Collection Date:** 7/15/2009 2:08:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.010</b>	mg/Kg-dry	1	7/20/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.557		<b>Interference</b>	mg/Kg-dry	1	7/20/2009 5:47:21 PM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.56		<b>&lt; 0.56</b>	mg/Kg-dry	1	7/20/2009 5:47:21 PM	RCE

### Sample Narrative

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070651

**Report Date:** 23-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070651-001A	P1-A1-W (12)	7/14/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 1:59:35 PM	7/20/2009 9:52:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 1:58:38 PM	7/18/2009 12:39:00 PM
09070651-001B				SW-846 3050B, 6010B, Metals by ICP	7/20/2009 8:29:30 AM	7/20/2009 4:25:59 PM
				SW-846 3050B, Metals by GFAA	7/20/2009 11:13:44 AM	7/21/2009 2:25:06 PM
				SW-846 7471A	7/20/2009 3:43:23 PM	7/20/2009
09070651-001C				ASTM D2974		7/17/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/17/2009 5:00:00 PM
				SW-846 9012A		7/20/2009 5:47:21 PM
				SW-846 9012A (Total)		7/20/2009 5:47:21 PM
09070651-001F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/17/2009 9:43:28 AM	7/17/2009 2:34:00 PM
09070651-002A	P1-A5-W (3)	7/15/2009		SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 1:59:35 PM	7/20/2009 10:26:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 1:58:38 PM	7/18/2009 1:09:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 1:58:38 PM	7/21/2009 12:20:00 PM
09070651-002B				SW-846 3050B, 6010B, Metals by ICP	7/20/2009 8:29:30 AM	7/20/2009 4:32:40 PM
				SW-846 3050B, 6010B, Metals by ICP	7/20/2009 8:29:30 AM	7/21/2009 9:20:39 AM
				SW-846 3050B, Metals by GFAA	7/20/2009 11:13:44 AM	7/21/2009 2:28:30 PM
				SW-846 3050B, Metals by GFAA	7/20/2009 11:13:44 AM	7/21/2009 3:06:20 PM
				SW-846 7471A	7/20/2009 3:43:23 PM	7/20/2009
09070651-002C				ASTM D2974		7/17/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/17/2009 5:00:00 PM
				SW-846 9012A		7/20/2009 5:47:21 PM
				SW-846 9012A (Total)		7/20/2009 5:47:21 PM



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070651

**Report Date:** 23-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070651-002F	P1-A5-W (3)	7/15/2009	Solid	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/17/2009 9:43:28 AM	7/17/2009 3:01:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/20/2009 9:47:59 AM	7/20/2009 2:03:00 PM
09070651-003A	P1-A5-W (8)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 1:59:35 PM	7/20/2009 11:01:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 1:58:38 PM	7/18/2009 1:39:00 PM
09070651-003B				SW-846 3050B, 6010B, Metals by ICP	7/20/2009 8:29:30 AM	7/20/2009 4:58:38 PM
				SW-846 3050B, Metals by GFAA	7/20/2009 11:13:44 AM	7/21/2009 2:31:52 PM
				SW-846 7471A	7/20/2009 3:43:23 PM	7/20/2009
09070651-003C				ASTM D2974		7/17/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/17/2009 5:00:00 PM
				SW-846 9012A		7/20/2009 5:47:21 PM
				SW-846 9012A (Total)		7/20/2009 5:47:21 PM
09070651-003F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/17/2009 9:43:28 AM	7/17/2009 3:28:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/20/2009 9:47:59 AM	7/20/2009 2:29:00 PM
09070651-004A	P1-A5-W (20)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 1:59:35 PM	7/20/2009 11:35:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/17/2009 1:58:38 PM	7/18/2009 2:10:00 PM
09070651-004B				SW-846 3050B, 6010B, Metals by ICP	7/20/2009 8:29:30 AM	7/20/2009 5:05:20 PM
				SW-846 3050B, Metals by GFAA	7/20/2009 11:13:44 AM	7/21/2009 2:41:58 PM
				SW-846 7471A	7/20/2009 3:43:23 PM	7/20/2009
09070651-004C				ASTM D2974		7/17/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/17/2009 5:00:00 PM
				SW-846 9012A		7/20/2009 5:47:21 PM
				SW-846 9012A (Total)		7/20/2009 5:47:21 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070651

**Report Date:** 23-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070651-004F	P1-A5-W (20)	7/15/2009	Solid	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/20/2009 9:47:59 AM	7/20/2009 1:09:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/20/2009 9:47:59 AM	7/20/2009 5:10:00 PM

**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- 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.
- 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. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- 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. (NELAC) The acceptable recovery range is listed in this report.
- LCS D** 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 this report.
- 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 this report.
- 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 this report.
- MDL** Method detection limit or limit of detection (LOD) 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.
- MB/LCB** Method blank or lab control 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 are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) 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 this report.
- 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 this report.
- 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. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

**Qualifiers**

<b>DF</b> - Dilution Factor	<b>B</b> - Analyte detected in the associated Method Blank	<b>C</b> - Client requested RL below PQL	<b>MI</b> - Matrix interference
<b>RL</b> - Reporting Limit	<b>J</b> - Analyte detected below reporting limits	<b>D</b> - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	<b>R</b> - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	<b>S</b> - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count ( > 200 CFU )	<b>X</b> - Value exceeds Maximum Contaminant Level	<b>#</b> - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **M2540 G**

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>LCS-R124755</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>124755</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124755</b>		Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2337053</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	1.0	0.1	1.000	0	100	90	110				
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Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>124755</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124755</b>		Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2337054</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	1.0	0.1	1.000	0	100	90	110				
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Sample ID: <b>09070651-002CDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>124755</b>							
Client ID: <b>P1-A5-W (3)DUP</b>	Batch ID: <b>R124755</b>		Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2337063</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	73.7	0.1						76.62	3.90	15	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW6010B

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>MB-54264</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/20/2009</b>	RunNo: <b>124790</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54264</b>	<b>SOP 3032</b>				Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2337681</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	< 4.00	4.00	4.000	0	0	-100	100				
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Sample ID: <b>LCS-54264</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/20/2009</b>	RunNo: <b>124790</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54264</b>	<b>SOP 3032</b>				Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2337682</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	52.5	4.00	50.00	0	104.9	85	115				
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Sample ID: <b>MB-54264</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/20/2009</b>	RunNo: <b>124767</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54264</b>	<b>SOP 3032</b>				Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2337755</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Barium	< 0.50	0.50	0.5000	0	0	-100	100				
Cadmium	< 0.20	0.20	0.2000	0	0	-100	100				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Sample ID: <b>LCS-54264</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/20/2009</b>	RunNo: <b>124767</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54264</b>	<b>SOP 3032</b>				Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2337756</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	213	2.50	200.0	0	106.7	85	115				
Barium	208	0.50	200.0	0	103.8	85	115				
Cadmium	5.34	0.20	5.000	0	106.8	85	115				
Chromium	20.6	1.00	20.00	0	103.2	85	115				
Lead	54.3	4.00	50.00	0	108.5	85	115				
Silver	4.97	0.55	5.000	0	99.4	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW6010B

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>09070651-004BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/20/2009</b>	RunNo: <b>124767</b>				
Client ID: <b>P1-A5-W (20)MS</b>	Batch ID: <b>54264</b>	<b>SOP 3032</b>				Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2337764</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	193	2.40	192.3	5.250	97.7	75	125				
Barium	180	0.48	192.3	17.58	84.5	75	125				
Cadmium	4.46	0.19	4.808	0.1538	89.6	75	125				
Chromium	34.9	0.96	19.23	16.38	96.4	75	125				
Lead	53.9	3.85	48.08	12.38	86.3	75	125				
Silver	4.69	0.53	4.808	0	97.6	75	125				

Sample ID: <b>09070651-004BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/20/2009</b>	RunNo: <b>124767</b>				
Client ID: <b>P1-A5-W (20)MSD</b>	Batch ID: <b>54264</b>	<b>SOP 3032</b>				Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2337765</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	196	2.40	192.3	5.250	99.2	75	125	193.2	1.43	20	
Barium	184	0.48	192.3	17.58	86.4	75	125	180.1	2.01	20	
Cadmium	4.54	0.19	4.808	0.1538	91.2	75	125	4.462	1.71	20	
Chromium	34.7	0.96	19.23	16.38	95.4	75	125	34.93	0.580	20	
Lead	53.6	3.85	48.08	12.38	85.7	75	125	53.86	0.501	20	
Silver	4.61	0.53	4.808	0	95.8	75	125	4.692	1.86	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW7000 G

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>MB-54271</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/20/2009</b>	RunNo: <b>124847</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54271</b>	<b>SOP 3042</b>	Analysis Date: <b>7/21/2009</b>	SeqNo: <b>2339131</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	< 0.600	0.600	0.6000	0	0	-100	100			
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Sample ID: <b>LCS-54271</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/20/2009</b>	RunNo: <b>124847</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54271</b>	<b>SOP 3042</b>	Analysis Date: <b>7/21/2009</b>	SeqNo: <b>2339132</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.76	0.600	3.000	0	91.9	80	120			
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Sample ID: <b>09070651-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/20/2009</b>	RunNo: <b>124847</b>							
Client ID: <b>P1-A5-W (8)MS</b>	Batch ID: <b>54271</b>	<b>SOP 3042</b>	Analysis Date: <b>7/21/2009</b>	SeqNo: <b>2339136</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	3.75	0.600	3.000	0	125.0	70	130			
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Sample ID: <b>09070651-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/20/2009</b>	RunNo: <b>124847</b>							
Client ID: <b>P1-A5-W (8)MSD</b>	Batch ID: <b>54271</b>	<b>SOP 3042</b>	Analysis Date: <b>7/21/2009</b>	SeqNo: <b>2339137</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	3.37	0.600	3.000	0	112.2	70	130	3.749	10.8	20
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW7471 A

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>MB-54277</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date: <b>7/20/2009</b>	RunNo: <b>124796</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54277</b>	<b>SOP 3063</b>				Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2338934</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	< 0.010	0.010	0.01000	0	0	-100	100				
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Sample ID: <b>LCS-54277</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>7/20/2009</b>	RunNo: <b>124796</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54277</b>	<b>SOP 3063</b>				Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2338935</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.279	0.010	0.2500	0	111.6	85	115				
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Sample ID: <b>09070651-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/20/2009</b>	RunNo: <b>124796</b>				
Client ID: <b>P1-A5-W (8)MS</b>	Batch ID: <b>54277</b>	<b>SOP 3063</b>				Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2339001</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.321	0.011	0.2775	0.009435	112.2	75	125				
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Sample ID: <b>09070651-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/20/2009</b>	RunNo: <b>124796</b>				
Client ID: <b>P1-A5-W (8)MSD</b>	Batch ID: <b>54277</b>	<b>SOP 3063</b>				Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2339002</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.314	0.011	0.2775	0.009435	109.8	75	125	0.3208	2.10	15	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>LCS-F090717-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/17/2009</b>	RunNo: <b>124733</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54255</b>	<b>SW5035</b>				Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336654</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	45.9	5.0	50.00	0	91.8	77.5	121				
1,1-Dichloroethene	34.1	5.0	50.00	0	68.2	52	133				
1,2-Dibromoethane	46.4	5.0	50.00	0	92.9	85.2	119				
1,2-Dichlorobenzene	51.2	5.0	50.00	0	102.5	84.2	122				
1,2-Dichloroethane	43.6	5.0	50.00	0	87.3	71.1	125				
1,3-Dichlorobenzene	55.3	5.0	50.00	0	110.7	83.3	125				
1,4-Dichlorobenzene	50.6	5.0	50.00	0	101.2	81.9	128				
2-Butanone	54.8	50.0	100.0	0	54.8	39.1	105				
Benzene	43.2	1.0	50.00	0	86.4	77.9	123				
Bromodichloromethane	50.4	5.0	50.00	0	100.8	87.9	119				
Carbon tetrachloride	45.0	5.0	50.00	0	89.9	77.5	128				
Chlorobenzene	52.6	5.0	50.00	0	105.2	87.8	120				
Chloroform	43.1	5.0	50.00	0	86.2	81.5	119				
Dibromochloromethane	48.3	5.0	50.00	0	96.6	88.6	119				
Ethylbenzene	54.8	5.0	50.00	0	109.5	80.9	119				
m,p-Xylenes	51.0	5.0	50.00	0	102.1	77.6	120				
Methyl tert-butyl ether	43.9	2.0	50.00	0	87.8	69.8	121				
Methylene chloride	48.6	5.0	50.00	0	97.3	71.5	124				
Naphthalene	57.0	10	50.00	0	113.9	75.7	123				
o-Xylene	50.6	5.0	50.00	0	101.2	82.4	124				
Tetrachloroethene	46.9	5.0	50.00	0	93.9	74.2	113				
Toluene	51.2	5.0	50.00	0	102.4	80.2	115				
Trichloroethene	48.3	5.0	50.00	0	96.6	83.3	118				
Surr: 1,2-Dichloroethane-d4	47.5		50.00		95.1	61	128				
Surr: 4-Bromofluorobenzene	46.3		50.00		92.6	78.2	117				
Surr: Dibromofluoromethane	48.2		50.00		96.4	66.6	130				
Surr: Toluene-d8	48.6		50.00		97.3	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>LCS-D-F090717-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124733</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54255</b>	<b>SW5035</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336655</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	44.0	5.0	50.00	0	88.0	77.5	121	45.92	4.23	20	
1,1-Dichloroethene	34.0	5.0	50.00	0	67.9	52	133	34.12	0.499	20	
1,2-Dibromoethane	44.6	5.0	50.00	0	89.1	85.2	119	46.43	4.09	20	
1,2-Dichlorobenzene	49.9	5.0	50.00	0	99.8	84.2	122	51.25	2.69	20	
1,2-Dichloroethane	43.5	5.0	50.00	0	87.0	71.1	125	43.63	0.321	20	
1,3-Dichlorobenzene	52.6	5.0	50.00	0	105.3	83.3	125	55.34	4.98	20	
1,4-Dichlorobenzene	48.9	5.0	50.00	0	97.9	81.9	128	50.61	3.36	20	
2-Butanone	52.2	50.0	100.0	0	52.2	39.1	105	54.76	4.84	20	
Benzene	42.1	1.0	50.00	0	84.2	77.9	123	43.21	2.65	20	
Bromodichloromethane	49.3	5.0	50.00	0	98.6	87.9	119	50.40	2.17	20	
Carbon tetrachloride	43.2	5.0	50.00	0	86.5	77.5	128	44.97	3.90	20	
Chlorobenzene	50.9	5.0	50.00	0	101.9	87.8	120	52.61	3.23	20	
Chloroform	42.1	5.0	50.00	0	84.2	81.5	119	43.09	2.30	20	
Dibromochloromethane	47.1	5.0	50.00	0	94.1	88.6	119	48.29	2.58	20	
Ethylbenzene	52.4	5.0	50.00	0	104.7	80.9	119	54.76	4.48	20	
m,p-Xylenes	48.6	5.0	50.00	0	97.2	77.6	120	51.04	4.92	20	
Methyl tert-butyl ether	52.0	2.0	50.00	0	104.1	69.8	121	43.91	16.9	20	
Methylene chloride	50.1	5.0	50.00	0	100.3	71.5	124	48.65	3.00	20	
Naphthalene	53.5	10	50.00	0	106.9	75.7	123	56.95	6.32	20	
o-Xylene	48.8	5.0	50.00	0	97.6	82.4	124	50.62	3.66	20	
Tetrachloroethene	44.3	5.0	50.00	0	88.6	74.2	113	46.94	5.83	20	
Toluene	49.1	5.0	50.00	0	98.1	80.2	115	51.20	4.25	20	
Trichloroethene	46.0	5.0	50.00	0	92.1	83.3	118	48.32	4.81	20	
Surr: 1,2-Dichloroethane-d4	48.8		50.00		97.5	61	128		0	0	
Surr: 4-Bromofluorobenzene	46.2		50.00		92.4	78.2	117		0	0	
Surr: Dibromofluoromethane	48.6		50.00		97.2	66.6	130		0	0	
Surr: Toluene-d8	48.2		50.00		96.4	80.1	122		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>MBLK-F090717-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124733</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54255</b>	<b>SW5035</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336657</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	10									
1,2,3-Trimethylbenzene	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
1-Chlorobutane	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.0									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070651

Report Date: 23-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10									
Allyl chloride	ND	5.0									
Benzene	ND	1.0									
Bromobenzene	ND	5.0									
Bromochloromethane	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	10									
Carbon disulfide	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	10									
Chloroform	ND	5.0									
Chloromethane	ND	10									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	4.0									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	10									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.0									
Ethyl methacrylate	ND	5.0									
Ethylbenzene	ND	5.0									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.0									
Hexachloroethane	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070651

Report Date: 23-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iodomethane	ND	10									
Isopropylbenzene	ND	5.0									
m,p-Xylenes	ND	5.0									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.0									
Methyl tert-butyl ether	ND	2.0									
Methylacrylate	ND	10									
Methylene chloride	ND	5.0									
Naphthalene	ND	10									
n-Butylbenzene	ND	5.0									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.0									
o-Xylene	ND	5.0									
Pentachloroethane	ND	5.0									
p-Isopropyltoluene	ND	5.0									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	4.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.0									
Surr: 1,2-Dichloroethane-d4	51.6		50.00		103.2	61	128				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>MBLK-F090717-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124733</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54255</b>	<b>SW5035</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336657</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	45.4		50.00		90.7	78.2	117				
Surr: Dibromofluoromethane	50.6		50.00		101.2	66.6	130				
Surr: Toluene-d8	48.5		50.00		96.9	80.1	122				

Sample ID: <b>LCS-A090720-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2009</b>	RunNo: <b>124806</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54285</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2338014</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	46.7	5.00	50.00	0	93.3	77.5	121				
1,1-Dichloroethene	34.2	5.00	50.00	0	68.5	52	133				
1,2-Dibromoethane	49.7	5.00	50.00	0	99.4	85.2	119				
1,2-Dichlorobenzene	48.4	5.00	50.00	0	96.8	84.2	122				
1,2-Dichloroethane	52.6	5.00	50.00	0	105.2	71.1	125				
1,3-Dichlorobenzene	49.7	5.00	50.00	0	99.4	83.3	125				
1,4-Dichlorobenzene	49.5	5.00	50.00	0	99.0	81.9	128				
2-Butanone	77.4	50.0	100.0	0	77.4	39.1	105				
Benzene	46.3	1.00	50.00	0	92.5	77.9	123				
Bromodichloromethane	55.5	5.00	50.00	0	111.0	87.9	119				
Carbon tetrachloride	47.9	5.00	50.00	0	95.7	77.5	128				
Chlorobenzene	50.4	5.00	50.00	0	100.9	87.8	120				
Chloroform	50.2	5.00	50.00	0	100.4	81.5	119				
Dibromochloromethane	51.7	5.00	50.00	0	103.5	88.6	119				
Ethylbenzene	50.2	5.00	50.00	0	100.4	80.9	119				
m,p-Xylenes	49.6	5.00	50.00	0	99.3	77.6	120				
Methyl tert-butyl ether	48.3	2.00	50.00	0	96.7	69.8	121				
Methylene chloride	44.1	5.00	50.00	0	88.3	71.5	124				
Naphthalene	56.7	10.0	50.00	0	113.4	75.7	123				
o-Xylene	46.4	5.00	50.00	0	92.7	82.4	124				
Tetrachloroethene	45.8	5.00	50.00	0	91.5	74.2	113				
Toluene	47.7	5.00	50.00	0	95.3	80.2	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>LCS-A090720-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2009</b>	RunNo: <b>124806</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54285</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2338014</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	47.5	5.00	50.00	0	95.0	83.3	118				
Surr: 1,2-Dichloroethane-d4	54.5		50.00		108.9	61	128				
Surr: 4-Bromofluorobenzene	50.9		50.00		101.8	78.2	117				
Surr: Dibromofluoromethane	51.4		50.00		102.7	66.6	130				
Surr: Toluene-d8	48.5		50.00		97.0	80.1	122				

Sample ID: <b>LCSD-A090720-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2009</b>	RunNo: <b>124806</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54285</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2338015</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	43.2	5.00	50.00	0	86.4	77.5	121	46.66	7.65	20	
1,1-Dichloroethene	31.9	5.00	50.00	0	63.8	52	133	34.23	7.08	20	
1,2-Dibromoethane	47.6	5.00	50.00	0	95.3	85.2	119	49.68	4.21	20	
1,2-Dichlorobenzene	45.6	5.00	50.00	0	91.2	84.2	122	48.41	6.00	20	
1,2-Dichloroethane	50.2	5.00	50.00	0	100.4	71.1	125	52.62	4.71	20	
1,3-Dichlorobenzene	46.8	5.00	50.00	0	93.5	83.3	125	49.69	6.08	20	
1,4-Dichlorobenzene	46.7	5.00	50.00	0	93.4	81.9	128	49.51	5.84	20	
2-Butanone	74.8	50.0	100.0	0	74.8	39.1	105	77.41	3.39	20	
Benzene	43.2	1.00	50.00	0	86.5	77.9	123	46.26	6.73	20	
Bromodichloromethane	51.9	5.00	50.00	0	103.8	87.9	119	55.48	6.63	20	
Carbon tetrachloride	44.4	5.00	50.00	0	88.8	77.5	128	47.87	7.48	20	
Chlorobenzene	47.5	5.00	50.00	0	94.9	87.8	120	50.45	6.11	20	
Chloroform	46.7	5.00	50.00	0	93.4	81.5	119	50.21	7.22	20	
Dibromochloromethane	48.9	5.00	50.00	0	97.9	88.6	119	51.73	5.54	20	
Ethylbenzene	46.7	5.00	50.00	0	93.4	80.9	119	50.19	7.18	20	
m,p-Xylenes	46.3	5.00	50.00	0	92.6	77.6	120	49.63	6.92	20	
Methyl tert-butyl ether	46.2	2.00	50.00	0	92.4	69.8	121	48.34	4.51	20	
Methylene chloride	41.0	5.00	50.00	0	81.9	71.5	124	44.14	7.50	20	
Naphthalene	53.0	10.0	50.00	0	106.0	75.7	123	56.69	6.75	20	
o-Xylene	43.2	5.00	50.00	0	86.4	82.4	124	46.35	7.01	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>LCS-D-A090720-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2009</b>	RunNo: <b>124806</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54285</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2338015</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	42.6	5.00	50.00	0	85.2	74.2	113	45.77	7.20	20	
Toluene	43.8	5.00	50.00	0	87.6	80.2	115	47.66	8.42	20	
Trichloroethene	44.3	5.00	50.00	0	88.6	83.3	118	47.48	6.95	20	
Surr: 1,2-Dichloroethane-d4	54.6		50.00		109.1	61	128		0	0	
Surr: 4-Bromofluorobenzene	50.3		50.00		100.5	78.2	117		0	0	
Surr: Dibromofluoromethane	50.6		50.00		101.2	66.6	130		0	0	
Surr: Toluene-d8	48.9		50.00		97.9	80.1	122		0	0	

Sample ID: <b>LCS-G-A090720-1</b>	SampType: <b>LCS-G</b>	Units: <b>%REC</b>	Prep Date: <b>7/20/2009</b>	RunNo: <b>124806</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54285</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2338016</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	51.3		50.00		102.7	61	128				
Surr: 4-Bromofluorobenzene	50.4		50.00		100.7	78.2	117				
Surr: Dibromofluoromethane	48.9		50.00		97.9	66.6	130				
Surr: Toluene-d8	49.0		50.00		98.0	80.1	122				

Sample ID: <b>LCS-G-D-A090720-1</b>	SampType: <b>LCS-G-D</b>	Units: <b>%REC</b>	Prep Date: <b>7/20/2009</b>	RunNo: <b>124806</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54285</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2338017</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	52.9		50.00		105.7	61	128		0	0	
Surr: 4-Bromofluorobenzene	51.4		50.00		102.8	78.2	117		0	0	
Surr: Dibromofluoromethane	49.3		50.00		98.6	66.6	130		0	0	
Surr: Toluene-d8	48.3		50.00		96.5	80.1	122		0	0	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>MBLK-A090720-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2009</b>	RunNo: <b>124806</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54285</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2338018</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.00									
1,1,1-Trichloroethane	ND	5.00									
1,1,2,2-Tetrachloroethane	ND	5.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.00									
1,1,2-Trichloroethane	ND	5.00									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.00									
1,1-Dichloroethene	ND	5.00									
1,1-Dichloropropene	ND	5.00									
1,2,3-Trichlorobenzene	ND	5.00									
1,2,3-Trichloropropane	ND	10.0									
1,2,3-Trimethylbenzene	ND	5.00									
1,2,4-Trichlorobenzene	ND	5.00									
1,2,4-Trimethylbenzene	ND	5.00									
1,2-Dibromo-3-chloropropane	ND	5.00									
1,2-Dibromoethane	ND	5.00									
1,2-Dichlorobenzene	ND	5.00									
1,2-Dichloroethane	ND	5.00									
1,2-Dichloropropane	ND	5.00									
1,3,5-Trimethylbenzene	ND	5.00									
1,3-Dichlorobenzene	ND	5.00									
1,3-Dichloropropane	ND	5.00									
1,4-Dichlorobenzene	ND	5.00									
1-Chlorobutane	ND	5.00									
2,2-Dichloropropane	ND	5.00									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.00									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.00									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>MBLK-A090720-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2009</b>	RunNo: <b>124806</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54285</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2338018</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10.0									
Allyl chloride	ND	5.00									
Benzene	ND	1.00									
Bromobenzene	ND	5.00									
Bromochloromethane	ND	5.00									
Bromodichloromethane	ND	5.00									
Bromoform	ND	5.00									
Bromomethane	ND	10.0									
Carbon disulfide	ND	5.00									
Carbon tetrachloride	ND	5.00									
Chlorobenzene	ND	5.00									
Chloroethane	ND	10.0									
Chloroform	ND	5.00									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	5.00									
cis-1,3-Dichloropropene	ND	4.00									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.00									
Dibromomethane	ND	5.00									
Dichlorodifluoromethane	ND	10.0									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.00									
Ethyl methacrylate	ND	5.00									
Ethylbenzene	ND	5.00									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.00									
Hexachloroethane	ND	5.00									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070651

Report Date: 23-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iodomethane	ND	10.0									
Isopropylbenzene	ND	5.00									
m,p-Xylenes	ND	5.00									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.00									
Methyl tert-butyl ether	ND	2.00									
Methylacrylate	ND	10.0									
Methylene chloride	ND	5.00									
Naphthalene	ND	10.0									
n-Butylbenzene	ND	5.00									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.00									
o-Xylene	ND	5.00									
Pentachloroethane	ND	5.00									
p-Isopropyltoluene	ND	5.00									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.00									
Styrene	ND	5.00									
tert-Butylbenzene	ND	5.00									
Tetrachloroethene	ND	5.00									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.00									
trans-1,2-Dichloroethene	ND	5.00									
trans-1,3-Dichloropropene	ND	4.00									
Trichloroethene	ND	5.00									
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.00									
Surr: 1,2-Dichloroethane-d4	53.0		50.00		106.1	61	128				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>MBLK-A090720-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2009</b>	RunNo: <b>124806</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54285</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2338018</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	50.2		50.00		100.4	78.2	117				
Surr: Dibromofluoromethane	51.0		50.00		102.0	66.6	130				
Surr: Toluene-d8	48.0		50.00		96.0	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: MB-54251	SampType: MBLK	Units: mg/Kg	Prep Date: 7/17/2009	RunNo: 124741							
Client ID: ZZZZZZ	Batch ID: 54251	SW3550B	Analysis Date: 7/17/2009	SeqNo: 2336919							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: MB-54251	SampType: MBLK	Units: mg/Kg	Prep Date: 7/17/2009	RunNo: 124741							
Client ID: ZZZZZZ	Batch ID: 54251	SW3550B	Analysis Date: 7/17/2009	SeqNo: 2336919							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>MB-54251</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124741</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54251</b>	<b>SW3550B</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336919</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.14		1.670		68.2	52.1	113				
Surr: 2-Fluorobiphenyl	0.696		0.8350		83.4	46.3	106				
Surr: 2-Fluorophenol	1.22		1.670		73.3	50.6	89				
Surr: Nitrobenzene-d5	0.569		0.8350		68.1	42.4	99.2				
Surr: Phenol-d5	1.32		1.670		79.2	55.9	98.5				
Surr: p-Terphenyl-d14	0.578		0.8350		69.2	45.5	115				

Sample ID: <b>LCS-54251</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124741</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54251</b>	<b>SW3550B</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336920</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.29	0.500	1.670	0	77.5	43.9	92.2				
1,4-Dichlorobenzene	1.12	0.500	1.670	0	67.2	43.8	84.1				
2,4,5-Trichlorophenol	2.91	0.350	3.330	0	87.2	38.6	123				
2,4,6-Trichlorophenol	2.75	0.350	3.330	0	82.6	35.9	123				
2,4-Dimethylphenol	2.25	0.500	3.330	0	67.6	38.3	88				
2,4-Dinitrophenol	2.38	1.00	3.330	0	71.5	1.88	162				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: LCS-54251	SampType: LCS	Units: mg/Kg				Prep Date: 7/17/2009	RunNo: 124741				
Client ID: ZZZZZZ	Batch ID: 54251	SW3550B				Analysis Date: 7/17/2009	SeqNo: 2336920				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.42	0.350	1.670	0	84.8	48.6	102				
2-Chlorophenol	2.17	0.500	3.330	0	65.0	46.6	84				
4-Chloro-3-methylphenol	2.62	0.500	3.330	0	78.7	51.5	94.9				
4-Nitrophenol	2.24	0.350	3.330	0	67.2	53.2	104				
Acenaphthene	1.31	0.350	1.670	0	78.6	50.8	113				
Acenaphthylene	1.83	0.350	1.670	0	109.5	52.8	121				
Anthracene	1.21	0.350	1.670	0	72.6	53.3	115				
Benzo(a)anthracene	1.33	0.350	1.670	0	79.8	62.3	110				
Benzo(a)pyrene	1.32	0.350	1.670	0	79.3	58.2	109				
Benzo(b)fluoranthene	1.34	0.350	1.670	0	80.4	51.8	107				
Benzo(g,h,i)perylene	1.37	0.350	1.670	0	82.2	49.6	121				
Benzo(k)fluoranthene	1.24	0.350	1.670	0	74.0	63.1	129				
Bis(2-ethylhexyl)phthalate	1.37	0.350	1.670	0	81.8	56.3	109				
Chrysene	1.56	0.350	1.670	0	93.6	58.4	115				
Dibenzo(a,h)anthracene	1.40	0.350	1.670	0	83.7	54.9	120				
Diethyl phthalate	2.51	0.500	3.330	0	75.5	51.7	106				
Dimethyl phthalate	2.46	0.350	3.330	0	73.9	58.8	104				
Di-n-butyl phthalate	1.16	0.350	1.670	0	69.8	54.3	105				
Fluoranthene	1.34	0.350	1.670	0	80.1	61.6	113				
Fluorene	1.35	0.350	1.670	0	80.9	52.2	116				
Hexachlorobenzene	2.59	0.350	3.330	0	77.6	55.9	106				
Hexachlorobutadiene	2.40	0.500	3.330	0	72.0	35.7	100				
Hexachloroethane	2.09	0.500	3.330	0	62.7	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.36	0.350	1.670	0	81.4	52.7	115				
m,p-Cresol	1.22	0.500	1.670	0	73.3	37.6	93.7				
Naphthalene	1.14	0.350	1.670	0	68.4	45.7	101				
Nitrobenzene	2.15	0.500	3.330	0	64.5	51.8	104				
N-Nitroso-di-n-propylamine	1.15	0.500	1.670	0	69.0	49.1	94.5				
o-Cresol	1.33	0.500	1.670	0	79.6	43	101				
Pentachlorophenol	2.01	2.00	3.330	0	60.3	42.2	102				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>LCS-54251</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>7/17/2009</b>	RunNo: <b>124741</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54251</b>	<b>SW3550B</b>				Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336920</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.28	0.350	1.670	0	76.5	52.9	113				
Phenol	2.38	0.350	3.330	0	71.3	41.6	81.3				
Pyrene	1.25	0.500	1.670	0	74.8	60.7	115				
Pyridine	1.40	0.500	3.330	0	42.2	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.31		1.670		78.2	52.1	113				
Surr: 2-Fluorobiphenyl	0.642		0.8350		76.9	46.3	106				
Surr: 2-Fluorophenol	1.06		1.670		63.4	50.6	89				
Surr: Nitrobenzene-d5	0.481		0.8350		57.6	42.4	99.2				
Surr: Phenol-d5	1.20		1.670		71.9	55.9	98.5				
Surr: p-Terphenyl-d14	0.529		0.8350		63.4	45.5	115				

Sample ID: <b>MB-54252</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date: <b>7/17/2009</b>	RunNo: <b>124716</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54252</b>	<b>SW3550B</b>				Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336884</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	ND	0.003									
Benzo(a)pyrene	ND	0.003									
Benzo(b)fluoranthene	ND	0.003									
Benzo(g,h,i)perylene	ND	0.003									
Benzo(k)fluoranthene	ND	0.003									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	ND	0.003									
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
Naphthalene	ND	0.003									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>MB-54252</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124716</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54252</b>	<b>SW3550B</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336884</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.500		0.8330		60.0	17.5	123				
Surr: Nitrobenzene-d5	0.531		0.8330		63.7	35	105				
Surr: p-Terphenyl-d14	0.531		0.8330		63.8	53.6	122				

Sample ID: <b>LCS-54252</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/17/2009</b>	RunNo: <b>124716</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54252</b>	<b>SW3550B</b>	Analysis Date: <b>7/17/2009</b>	SeqNo: <b>2336885</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.117	0.003	0.1670	0	70.2	56.3	115				
Acenaphthylene	0.119	0.003	0.1670	0	71.5	60.3	143				
Anthracene	0.112	0.003	0.1670	0	66.9	52.1	109				
Benzo(a)anthracene	0.108	0.003	0.1670	0	64.7	52.8	112				
Benzo(a)pyrene	0.121	0.003	0.1670	0	72.7	40.8	127				
Benzo(b)fluoranthene	0.130	0.003	0.1670	0	77.7	50.1	150				
Benzo(g,h,i)perylene	0.122	0.003	0.1670	0	73.2	52.8	145				
Benzo(k)fluoranthene	0.138	0.003	0.1670	0	82.9	52	153				
Bis(2-ethylhexyl)phthalate	0.132	0.067	0.1670	0	79.1	50	150				
Chrysene	0.131	0.003	0.1670	0	78.3	60.8	128				
Dibenzo(a,h)anthracene	0.122	0.003	0.1670	0	73.1	54.9	150				
Fluoranthene	0.119	0.003	0.1670	0	71.1	58.7	125				
Fluorene	0.122	0.003	0.1670	0	73.2	57.8	125				
Indeno(1,2,3-cd)pyrene	0.123	0.003	0.1670	0	73.8	52	147				
Naphthalene	0.117	0.003	0.1670	0	70.2	54.8	113				
Phenanthrene	0.127	0.003	0.1670	0	76.2	60.4	121				
Pyrene	0.115	0.003	0.1670	0	69.0	57.9	129				
Surr: 2-Fluorobiphenyl	0.574		0.8330		68.9	35.3	113				
Surr: Nitrobenzene-d5	0.599		0.8330		71.9	33.9	108				
Surr: p-Terphenyl-d14	0.592		0.8330		71.0	58.4	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW9012B (TCN) Solid

Lab Order: 09070651

Report Date: 23-Jul-09

Sample ID: <b>09070651-003CMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>124801</b>				
Client ID: <b>P1-A5-W (8)MS</b>	Batch ID: <b>R124801</b>					Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2338468</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	4.07	0.57	2.844	0.9153	111.0	75	125				
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Sample ID: <b>09070651-003CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>124801</b>				
Client ID: <b>P1-A5-W (8)MSD</b>	Batch ID: <b>R124801</b>					Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2338469</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	3.86	0.57	2.844	0.9153	103.5	75	125	4.074	5.38	15	
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Sample ID: <b>MB-R124801</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>124801</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124801</b>					Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2338685</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	< 0.01	0.01									
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Sample ID: <b>LCS-R124801</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>124801</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124801</b>					Analysis Date: <b>7/20/2009</b>	SeqNo: <b>2338686</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.10	0.01	0.1000	0	103.3	85	115				
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**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070651

**Report Date:** 23-Jul-09

Carrier: Terry Hattan

Received By: MLD

Completed by:

*Marvin L. Darling II*

Reviewed by:

*Shelly A. Hennessy*

On:

17-Jul-09

Marvin L. Darling

On:

17-Jul-09

Shelly A. Hennessy

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 3.2
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <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** 09481

09070651

Project Name: Amreen Campaign Project Mgr.: Pete Szazana

Project Number: 62402053 Cost Code: 600000

Sampler(s): L. Hoosier / J. Crumpton

Laboratory Name: Teklab  
 Location: Collinsville IL

Sample Number and (depth)	Date	Time	Matrix					Total Number of Containers	Analyses by Method Name and Number							Comments (Field PID)	Lab ID #s		
			Soil	Water	Air	Wipes	Other *		VOCs (8260)	SVOCs (8270)	PCMH Metals (8280)	PAHs (8290)	Total Cyanide	Ammoniac Cyanide	Pb			Cd	Hg
P1-A1-W (12)	7/14	0906	X					7	X	X	X	X	X	X	X	X	X	*RUSH THIS SAMPLE *	09070651-001
P1-B5-F (26)	7/15	1348	X					7	X	X	X	X	X	X	X	X	X	*RUSH THIS SAMPLE *	-002
P1-A5-W (3)	7/15	1353	X					7	X	X	X	X	X	X	X	X	X	*RUSH THIS SAMPLE *	-003
P1-A5-W (8)	7/15	1400	X					7	X	X	X	X	X	X	X	X	X	*RUSH THIS SAMPLE *	-004
P1-B2-W (20)	7/15	1408	X					7	X	X	X	X	X	X	X	X	X	*RUSH THIS SAMPLE *	
P1-B2-F (26)	7/16	0740	X					7	X	X	X	X	X	X	X	X	X	*RUSH THIS SAMPLE *	
P1-B2-F (28)	7/16	0750	X					7	X	X	X	X	X	X	X	X	X	*RUSH THIS SAMPLE *	
P1-B3.5-F (24)	7/16	1025	X					7	X	X	X	X	X	X	X	X	X	*RUSH THIS SAMPLE *	
P1-B3.5-F (26)	7/16	1033	X					7	X	X	X	X	X	X	X	X	X	*RUSH THIS SAMPLE *	
P1-WW-4	7/16	1300	X					2											Teklab, Inc.
P1-WW-5	7/16	1300	X					2											Courier Pick Up

Laboratory Temperature upon Receipt  
 31.2 ZCF

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 (NaOH)
  - Cyanide . . . . . Sodium hydroxide
  - Other (Specify) . . . . .

Lab Directives:  Rush Marked  5 Days  Other

Requested TAT: 5 Days  
 Fax and/or Mail Results to: Pete Szazana and Leslie Hoosier  
 Send Invoice to: \_\_\_\_\_  
 QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other  
 Special Guidelines: \_\_\_\_\_  
 Reporting Limits: \_\_\_\_\_  
 \* Special: \_\_\_\_\_

Shipping:

Carrier / Airbill No. \_\_\_\_\_  
 Signature \_\_\_\_\_  
 Date \_\_\_\_\_ Time \_\_\_\_\_

Relinquished by:

Signature \_\_\_\_\_  
 Date 7/16 Time 1440  
 Signature \_\_\_\_\_  
 Date 7/16 Time 1717

Received by:

Signature \_\_\_\_\_  
 Date 7/16/09 Time 1740  
 Signature \_\_\_\_\_  
 Date 7/16/09 Time 1717

July 24, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09070886

Dear Pete Sazama:

TEKLAB, INC received 1 sample on 7/23/2009 5:15:00 PM for the analysis presented in the following report.

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

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,

A handwritten signature in black ink that reads "Heather A. White".

Heather A. White  
Project Manager  
(618)344-1004 ex 20

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070886

**Report Date:** 24-Jul-09

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Lab Sample ID	Client Sample ID	Fractions	Collection Date
09070886-001	P1-C5-F(22)	6	7/23/2009 8:20:00 AM

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09070886

**Report Date:** 24-Jul-09

**Cooler Receipt Temp:** 6.8 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070886

**Client Sample ID:** P1-C5-F(22)

**Lab ID:** 09070886-001

**Collection Date:** 7/23/2009 8:20:00 AM

**Report Date:** 24-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		11.6	%	1	7/23/2009 7:00:00 PM	JMT
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.4	%	1	7/23/2009 7:00:00 PM	JMT
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		4.17	mg/Kg-dry	1	7/24/2009 1:18:04 PM	JMW
Barium	NELAP	0.50		18.8	mg/Kg-dry	1	7/24/2009 1:18:04 PM	JMW
Cadmium	NELAP	0.20	J	0.11	mg/Kg-dry	1	7/24/2009 1:18:04 PM	JMW
Chromium	NELAP	1.00		17.5	mg/Kg-dry	1	7/24/2009 1:18:04 PM	JMW
Lead	NELAP	4.00		13.0	mg/Kg-dry	1	7/24/2009 1:18:04 PM	JMW
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/24/2009 1:18:04 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.545	< 0.545	mg/Kg-dry	1	7/24/2009 11:58:38 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.027	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.024	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Anthracene	NELAP	0.004		0.028	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.021	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.018	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.016	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.009	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.006	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.076		ND	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Chrysene	NELAP	0.004		0.022	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Fluoranthene	NELAP	0.004		0.039	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Fluorene	NELAP	0.004		0.030	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.006	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Naphthalene	NELAP	0.004	S	0.418	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Phenanthrene	NELAP	0.004		0.103	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Pyrene	NELAP	0.004		0.051	mg/Kg-dry	1	7/24/2009 9:35:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		62.2	%REC	1	7/24/2009 9:35:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		67.1	%REC	1	7/24/2009 9:35:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		74.4	%REC	1	7/24/2009 9:35:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09070886

**Client Sample ID:** P1-C5-F(22)

**Lab ID:** 09070886-001

**Collection Date:** 7/23/2009 8:20:00 AM

**Report Date:** 24-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.14		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
2-Chloronaphthalene	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
2-Chlorophenol	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
2-Methoxy-4-methylphenol		0.738		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
2-Methylnaphthalene	NELAP	0.397	J	0.19	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
2-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
2-Nitrophenol	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
3-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.14		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
4-Chloroaniline	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
4-Nitroaniline	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
4-Nitrophenol	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Aniline	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Azobenzene		0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Benzidine	NELAP	1.20		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Benzoic acid	NELAP	1.70		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Benzyl alcohol	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Carbazole		0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Dibenzofuran	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Diethyl phthalate	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Dimethyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Hexachlorobenzene	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070886  
**Lab ID:** 09070886-001  
**Report Date:** 24-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-C5-F(22)  
**Collection Date:** 7/23/2009 8:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Hexachloroethane	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Isophorone	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
m,p-Cresol	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Nitrobenzene	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
o-Cresol	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Pentachlorophenol	NELAP	2.27		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Phenol	NELAP	0.397		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Pyridine	NELAP	0.568		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
1,2-Diphenylhydrazine		0.954		ND	mg/Kg-dry	1	7/24/2009 11:28:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		65.4	%REC	1	7/24/2009 11:28:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		78.4	%REC	1	7/24/2009 11:28:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		71.2	%REC	1	7/24/2009 11:28:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		72.9	%REC	1	7/24/2009 11:28:00 AM	DMH
Surr: Phenol-d5		34.9-110		83.3	%REC	1	7/24/2009 11:28:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		94.1	%REC	1	7/24/2009 11:28:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,1,1-Trichloroethane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,1,2-Trichloroethane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,1-Dichloro-2-propanone		38.3		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,1-Dichloroethane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,1-Dichloroethene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,1-Dichloropropene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,2,3-Trichloropropane	NELAP	7.7		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,2,3-Trimethylbenzene		3.8		3.9	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	3.8		10.2	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,2-Dibromoethane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,2-Dichlorobenzene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070886  
**Lab ID:** 09070886-001  
**Report Date:** 24-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-C5-F(22)  
**Collection Date:** 7/23/2009 8:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,2-Dichloropropane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	3.8	J	3.2	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,3-Dichlorobenzene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,3-Dichloropropane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1,4-Dichlorobenzene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
1-Chlorobutane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
2,2-Dichloropropane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
2-Butanone	NELAP	38.3		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
2-Chlorotoluene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
2-Hexanone	NELAP	38.3		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
2-Nitropropane	NELAP	38.3		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
4-Chlorotoluene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
4-Methyl-2-pentanone	NELAP	38.3		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Acetone	NELAP	38.3	J	27	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Acrolein	NELAP	76.5		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Acrylonitrile	NELAP	7.7		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Allyl chloride	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Benzene	NELAP	0.8		14.5	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Bromobenzene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Bromochloromethane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Bromodichloromethane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Bromoform	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Bromomethane	NELAP	7.7		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Carbon disulfide	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Carbon tetrachloride	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Chlorobenzene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Chloroethane	NELAP	7.7		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Chloroform	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Chloromethane	NELAP	7.7		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	3.1		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Cyclohexanone		76.5		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Dibromochloromethane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Dibromomethane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Dichlorodifluoromethane	NELAP	7.7		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Ethyl acetate	NELAP	38.3		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Ethyl ether	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070886  
**Lab ID:** 09070886-001  
**Report Date:** 24-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-C5-F(22)  
**Collection Date:** 7/23/2009 8:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Ethyl methacrylate	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Ethylbenzene	NELAP	3.8		6.0	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Heptane		15.3	J	2.7	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Hexachlorobutadiene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Hexachloroethane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Iodomethane	NELAP	7.7		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Isopropylbenzene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
m,p-Xylenes	NELAP	3.8		6.8	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Methacrylonitrile	NELAP	38.3		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Methyl Methacrylate	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Methyl tert-butyl ether	NELAP	1.5		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Methylacrylate		7.7		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Methylene chloride	NELAP	3.8	J	0.9	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Naphthalene	NELAP	7.7	E	186	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
n-Butylbenzene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
n-Hexane		15.3	J	4.8	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Nitrobenzene	NELAP	76.5		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
n-Propylbenzene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
o-Xylene	NELAP	3.8		6.0	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Pentachloroethane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
p-Isopropyltoluene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Propionitrile	NELAP	38.3		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
sec-Butylbenzene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Styrene	NELAP	3.8	J	1.9	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
tert-Butylbenzene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Tetrachloroethene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Tetrahydrofuran	NELAP	38.3		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Toluene	NELAP	3.8		4.5	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	3.1		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Trichloroethene	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Trichlorofluoromethane	NELAP	3.8		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Vinyl acetate	NELAP	38.3		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Vinyl chloride	NELAP	1.5		ND	µg/Kg-dry	1	7/23/2009 7:27:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		116.2	%REC	1	7/23/2009 7:27:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		96.7	%REC	1	7/23/2009 7:27:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		104.9	%REC	1	7/23/2009 7:27:00 PM	JSA
Surr: Toluene-d8		80.1-122		104.6	%REC	1	7/23/2009 7:27:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09070886  
**Lab ID:** 09070886-001  
**Report Date:** 24-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-C5-F(22)  
**Collection Date:** 7/23/2009 8:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.009</b>	mg/Kg-dry	1	7/23/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.565		<b>Interference</b>	mg/Kg-dry	1	7/24/2009	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.57	SR	<b>&lt; 0.57</b>	mg/Kg-dry	1	7/24/2009	RCE

### Sample Narrative

SW-846 9012A (Total)

RPD was outside of QC limit due to sample composition.

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

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

Insufficient sample to run MS/MSD.

Di-n-butyl phthalate was outside upper QC limits in the LCS/LCSD. Sample results are below reporting limit - data is reportable.

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

Results for naphthalene have less certainty and should be considered an estimated value, because sample value exceeds upper quantitation limits. Re-analysis from different containers yielded non-detect results.

ENVIRONMENTAL TESTING LABORATORY

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**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070886

**Report Date:** 24-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09070886-001A	P1-C5-F(22)	7/23/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/23/2009 6:27:46 PM	7/24/2009 9:35:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/23/2009 6:25:10 PM	7/24/2009 11:28:00 AM
09070886-001B				SW-846 3050B, 6010B, Metals by ICP	7/23/2009 9:00:00 PM	7/24/2009 1:18:04 PM
				SW-846 3050B, Metals by GFAA	7/23/2009 9:03:45 PM	7/24/2009 11:58:38 AM
				SW-846 3050B, Metals by GFAA	7/23/2009 9:03:45 PM	7/24/2009 12:15:30 PM
				SW-846 7471A	7/23/2009 6:00:00 PM	7/23/2009
09070886-001C				ASTM D2974		7/23/2009 7:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/23/2009 7:00:00 PM
				SW-846 9012A		7/24/2009
				SW-846 9012A (Total)		7/24/2009
09070886-001F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/23/2009 5:30:00 PM	7/23/2009 7:27:00 PM

**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- 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.
- 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. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- 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. (NELAC) The acceptable recovery range is listed in this report.
- LCS D** 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 this report.
- 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 this report.
- 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 this report.
- MDL** Method detection limit or limit of detection (LOD) 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.
- MB/LCB** Method blank or lab control 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 are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) 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 this report.
- 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 this report.
- 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. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

**Qualifiers**

<b>DF</b> - Dilution Factor	<b>B</b> - Analyte detected in the associated Method Blank	<b>C</b> - Client requested RL below PQL	<b>MI</b> - Matrix interference
<b>RL</b> - Reporting Limit	<b>J</b> - Analyte detected below reporting limits	<b>D</b> - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	<b>R</b> - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	<b>S</b> - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count ( > 200 CFU )	<b>X</b> - Value exceeds Maximum Contaminant Level	<b>#</b> - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited



Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09070886

Report Date: 24-Jul-09

## ANALYTICAL QC SUMMARY REPORT

Test Number: M2540 G

Sample ID: <b>LCS-R124956</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>124956</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124956</b>		Analysis Date: <b>7/23/2009</b>	SeqNo: <b>2341864</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>124956</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124956</b>		Analysis Date: <b>7/23/2009</b>	SeqNo: <b>2341865</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Sample ID: <b>09070886-001CDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>124956</b>							
Client ID: <b>P1-C5-F(22)DUP</b>	Batch ID: <b>R124956</b>		Analysis Date: <b>7/23/2009</b>	SeqNo: <b>2341888</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 87.5 0.1 88.42 1.03 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW6010B

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: <b>MB-54345</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/23/2009</b>	RunNo: <b>124979</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54345</b>	<b>SOP 3032</b>				Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342645</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	< 4.00	4.00	4.000	0	0	-100	100				
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Sample ID: <b>LCS-54345</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/23/2009</b>	RunNo: <b>124979</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54345</b>	<b>SOP 3032</b>				Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342646</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	49.0	4.00	50.00	0	97.9	85	115				
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Sample ID: <b>MB-54345</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/23/2009</b>	RunNo: <b>124989</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54345</b>	<b>SOP 3032</b>				Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342685</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Barium	< 0.50	0.50	0.5000	0	0	-100	100				
Cadmium	0.10	0.20	0.2000	0	50.0	-100	100				J
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Sample ID: <b>LCS-54345</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/23/2009</b>	RunNo: <b>124989</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54345</b>	<b>SOP 3032</b>				Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342686</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	205	2.50	200.0	0	102.5	85	115				
Barium	211	0.50	200.0	0	105.3	85	115				
Cadmium	5.13	0.20	5.000	0	102.6	85	115				
Chromium	21.4	1.00	20.00	0	107.0	85	115				
Lead	52.2	4.00	50.00	0	104.3	85	115				
Silver	4.46	0.55	5.000	0	89.2	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW6010B

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: <b>09070886-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/23/2009</b>	RunNo: <b>124989</b>				
Client ID: <b>P1-C5-F(22)MS</b>	Batch ID: <b>54345</b>	<b>SOP 3032</b>				Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342689</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	194	2.50	200.0	4.170	95.1	75	125				
Barium	190	0.50	200.0	18.80	85.8	75	125				
Cadmium	4.34	0.20	5.000	0.1100	84.6	75	125				
Chromium	36.0	1.00	20.00	17.52	92.3	75	125				
Lead	53.8	4.00	50.00	12.98	81.5	75	125				
Silver	4.29	0.55	5.000	0	85.8	75	125				

Sample ID: <b>09070886-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/23/2009</b>	RunNo: <b>124989</b>				
Client ID: <b>P1-C5-F(22)MSD</b>	Batch ID: <b>54345</b>	<b>SOP 3032</b>				Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342690</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	196	2.50	200.0	4.170	96.1	75	125	194.4	0.973	20	
Barium	190	0.50	200.0	18.80	85.6	75	125	190.3	0.210	20	
Cadmium	4.33	0.20	5.000	0.1100	84.4	75	125	4.340	0.231	20	
Chromium	35.4	1.00	20.00	17.52	89.6	75	125	35.98	1.51	20	
Lead	55.2	4.00	50.00	12.98	84.3	75	125	53.75	2.57	20	
Silver	4.53	0.55	5.000	0	90.6	75	125	4.290	5.44	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW7000 G

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: <b>MB-54364</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124982</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54364</b>	<b>SOP 3042</b>	Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342553</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	< 0.600	0.600	0.6000	0	0	-100	100			
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Sample ID: <b>LCS-54364</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124982</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54364</b>	<b>SOP 3042</b>	Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342554</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	3.00	0.600	3.000	0	99.9	80	120			
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Sample ID: <b>09070886-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124982</b>							
Client ID: <b>P1-C5-F(22)MS</b>	Batch ID: <b>54364</b>	<b>SOP 3042</b>	Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342561</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.69	1.09	2.727	0	98.5	70	130			
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Sample ID: <b>09070886-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124982</b>							
Client ID: <b>P1-C5-F(22)MSD</b>	Batch ID: <b>54364</b>	<b>SOP 3042</b>	Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342562</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.50	1.09	2.727	0	91.8	70	130	2.688	7.05	20
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW7471 A

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: <b>MB-54362</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124951</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54362</b>	<b>SOP 3063</b>	Analysis Date: <b>7/23/2009</b>	SeqNo: <b>2341658</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	< 0.010	0.010	0.01000	0	0	-100	100				
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Sample ID: <b>LCS-54362</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124951</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54362</b>	<b>SOP 3063</b>	Analysis Date: <b>7/23/2009</b>	SeqNo: <b>2341659</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.274	0.010	0.2500	0	109.4	85	115				
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Sample ID: <b>09070886-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124951</b>							
Client ID: <b>P1-C5-F(22)MS</b>	Batch ID: <b>54362</b>	<b>SOP 3063</b>	Analysis Date: <b>7/23/2009</b>	SeqNo: <b>2341665</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.306	0.011	0.2661	0.009048	111.6	75	125				
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Sample ID: <b>09070886-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124951</b>							
Client ID: <b>P1-C5-F(22)MSD</b>	Batch ID: <b>54362</b>	<b>SOP 3063</b>	Analysis Date: <b>7/23/2009</b>	SeqNo: <b>2341666</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.312	0.011	0.2661	0.009048	113.8	75	125	0.3060	1.89	15	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070886

Report Date: 24-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	10									
1,2,3-Trimethylbenzene	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
1-Chlorobutane	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.0									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070886

Report Date: 24-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: <b>MBLK-A090723-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124953</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54365</b>	<b>SW5035</b>	Analysis Date: <b>7/23/2009</b>	SeqNo: <b>2341841</b>							
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10									
Allyl chloride	ND	5.0									
Benzene	ND	1.0									
Bromobenzene	ND	5.0									
Bromochloromethane	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	10									
Carbon disulfide	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	10									
Chloroform	ND	5.0									
Chloromethane	ND	10									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	4.0									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	10									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.0									
Ethyl methacrylate	ND	5.0									
Ethylbenzene	ND	5.0									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.0									
Hexachloroethane	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070886

Report Date: 24-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iodomethane	ND	10									
Isopropylbenzene	ND	5.0									
m,p-Xylenes	ND	5.0									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.0									
Methyl tert-butyl ether	ND	2.0									
Methylacrylate	ND	10									
Methylene chloride	1.3	5.0									J
Naphthalene	ND	10									
n-Butylbenzene	ND	5.0									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.0									
o-Xylene	ND	5.0									
Pentachloroethane	ND	5.0									
p-Isopropyltoluene	ND	5.0									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	4.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.0									
Surr: 1,2-Dichloroethane-d4	55.1		50.00		110.1	61	128				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: <b>MBLK-A090723-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124953</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54365</b>	<b>SW5035</b>	Analysis Date: <b>7/23/2009</b>	SeqNo: <b>2341841</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	51.2		50.00		102.5	78.2	117				
Surr: Dibromofluoromethane	51.3		50.00		102.6	66.6	130				
Surr: Toluene-d8	48.7		50.00		97.3	80.1	122				

Sample ID: <b>LCS-A090723-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124953</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54365</b>	<b>SW5035</b>	Analysis Date: <b>7/23/2009</b>	SeqNo: <b>2341842</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	53.0	5.0	50.00	0	106.1	77.5	121				
1,1-Dichloroethene	45.7	5.0	50.00	0	91.3	52	133				
1,2-Dibromoethane	54.8	5.0	50.00	0	109.7	85.2	119				
1,2-Dichlorobenzene	48.6	5.0	50.00	0	97.3	84.2	122				
1,2-Dichloroethane	57.8	5.0	50.00	0	115.5	71.1	125				
1,3-Dichlorobenzene	50.2	5.0	50.00	0	100.4	83.3	125				
1,4-Dichlorobenzene	49.8	5.0	50.00	0	99.6	81.9	128				
2-Butanone	86.1	50.0	100.0	0	86.1	39.1	105				
Benzene	52.0	1.0	50.00	0	104.0	77.9	123				
Bromodichloromethane	58.8	5.0	50.00	0	117.5	87.9	119				
Carbon tetrachloride	54.7	5.0	50.00	0	109.4	77.5	128				
Chlorobenzene	52.7	5.0	50.00	0	105.4	87.8	120				
Chloroform	54.0	5.0	50.00	0	108.0	81.5	119				
Dibromochloromethane	56.2	5.0	50.00	0	112.5	88.6	119				
Ethylbenzene	51.9	5.0	50.00	0	103.8	80.9	119				
m,p-Xylenes	50.7	5.0	50.00	0	101.4	77.6	120				
Methyl tert-butyl ether	57.9	2.0	50.00	0	115.7	69.8	121				
Methylene chloride	54.8	5.0	50.00	0	109.6	71.5	124				
Naphthalene	55.4	10	50.00	0	110.7	75.7	123				
o-Xylene	47.6	5.0	50.00	0	95.1	82.4	124				
Tetrachloroethene	48.6	5.0	50.00	0	97.1	74.2	113				
Toluene	49.3	5.0	50.00	0	98.5	80.2	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: <b>LCS-A090723-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124953</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54365</b>	<b>SW5035</b>	Analysis Date: <b>7/23/2009</b>	SeqNo: <b>2341842</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	53.2	5.0	50.00	0	106.3	83.3	118				
Surr: 1,2-Dichloroethane-d4	53.8		50.00		107.7	61	128				
Surr: 4-Bromofluorobenzene	52.3		50.00		104.6	78.2	117				
Surr: Dibromofluoromethane	50.5		50.00		101.0	66.6	130				
Surr: Toluene-d8	48.7		50.00		97.4	80.1	122				

Sample ID: <b>LCSD-A090723-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124953</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54365</b>	<b>SW5035</b>	Analysis Date: <b>7/23/2009</b>	SeqNo: <b>2341843</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	54.8	5.0	50.00	0	109.7	77.5	121	53.03	3.36	20	
1,1-Dichloroethene	47.1	5.0	50.00	0	94.1	52	133	45.66	3.02	20	
1,2-Dibromoethane	55.7	5.0	50.00	0	111.4	85.2	119	54.85	1.56	20	
1,2-Dichlorobenzene	51.3	5.0	50.00	0	102.7	84.2	122	48.64	5.38	20	
1,2-Dichloroethane	59.1	5.0	50.00	0	118.2	71.1	125	57.75	2.33	20	
1,3-Dichlorobenzene	53.8	5.0	50.00	0	107.5	83.3	125	50.20	6.85	20	
1,4-Dichlorobenzene	53.0	5.0	50.00	0	106.0	81.9	128	49.82	6.17	20	
2-Butanone	90.4	50.0	100.0	0	90.4	39.1	105	86.12	4.85	20	
Benzene	53.4	1.0	50.00	0	106.7	77.9	123	52.02	2.56	20	
Bromodichloromethane	59.4	5.0	50.00	0	118.8	87.9	119	58.76	1.07	20	
Carbon tetrachloride	58.6	5.0	50.00	0	117.1	77.5	128	54.69	6.83	20	
Chlorobenzene	54.4	5.0	50.00	0	108.8	87.8	120	52.70	3.19	20	
Chloroform	55.2	5.0	50.00	0	110.4	81.5	119	53.99	2.20	20	
Dibromochloromethane	56.5	5.0	50.00	0	113.0	88.6	119	56.24	0.426	20	
Ethylbenzene	54.0	5.0	50.00	0	107.9	80.9	119	51.89	3.89	20	
m,p-Xylenes	54.0	5.0	50.00	0	108.0	77.6	120	50.68	6.34	20	
Methyl tert-butyl ether	59.1	2.0	50.00	0	118.2	69.8	121	57.86	2.09	20	
Methylene chloride	55.6	5.0	50.00	0	111.1	71.5	124	54.82	1.32	20	
Naphthalene	58.8	10	50.00	0	117.5	75.7	123	55.35	5.96	20	
o-Xylene	49.4	5.0	50.00	0	98.7	82.4	124	47.55	3.74	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: <b>LCSD-A090723-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124953</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54365</b>	<b>SW5035</b>	Analysis Date: <b>7/23/2009</b>	SeqNo: <b>2341843</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	51.8	5.0	50.00	0	103.6	74.2	113	48.55	6.52	20	
Toluene	50.6	5.0	50.00	0	101.1	80.2	115	49.26	2.62	20	
Trichloroethene	54.7	5.0	50.00	0	109.3	83.3	118	53.17	2.76	20	
Surr: 1,2-Dichloroethane-d4	54.3		50.00		108.6	61	128		0	0	
Surr: 4-Bromofluorobenzene	52.4		50.00		104.9	78.2	117		0	0	
Surr: Dibromofluoromethane	51.1		50.00		102.3	66.6	130		0	0	
Surr: Toluene-d8	48.6		50.00		97.2	80.1	122		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: MB-54360	SampType: MBLK	Units: mg/Kg	Prep Date: 7/23/2009	RunNo: 124983							
Client ID: ZZZZZZ	Batch ID: 54360	SW3550B	Analysis Date: 7/24/2009	SeqNo: 2342584							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Aniline	ND	0.500									
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzoic acid	ND	1.50									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: MB-54360	SampType: MBLK	Units: mg/Kg	Prep Date: 7/23/2009	RunNo: 124983							
Client ID: ZZZZZZ	Batch ID: 54360	SW3550B	Analysis Date: 7/24/2009	SeqNo: 2342584							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenol	ND	0.350									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.03		1.670		61.5	52.1	113				
Surr: 2-Fluorobiphenyl	0.645		0.8350		77.3	46.3	106				
Surr: 2-Fluorophenol	1.12		1.670		66.9	50.6	89				
Surr: Nitrobenzene-d5	0.579		0.8350		69.3	42.4	99.2				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: <b>MB-54360</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124983</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54360</b>	<b>SW3550B</b>	Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342584</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Phenol-d5	1.18		1.670		70.9	55.9	98.5				
Surr: p-Terphenyl-d14	0.672		0.8350		80.4	45.5	115				

Sample ID: <b>LCS-54360</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124983</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54360</b>	<b>SW3550B</b>	Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342585</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.26	0.500	1.670	0	75.4	43.9	92.2				
1,4-Dichlorobenzene	0.783	0.500	1.670	0	46.9	43.8	84.1				
2,4,5-Trichlorophenol	2.84	0.350	3.330	0	85.2	38.6	123				
2,4,6-Trichlorophenol	2.65	0.350	3.330	0	79.7	35.9	123				
2,4-Dimethylphenol	2.59	0.500	3.330	0	77.8	38.3	88				
2,4-Dinitrophenol	2.62	1.00	3.330	0	78.6	1.88	162				
2,4-Dinitrotoluene	1.38	0.350	1.670	0	82.8	48.6	102				
2-Chlorophenol	2.60	0.500	3.330	0	78.0	46.6	84				
4-Chloro-3-methylphenol	2.80	0.500	3.330	0	83.9	51.5	94.9				
4-Nitrophenol	2.64	0.350	3.330	0	79.3	53.2	104				
Diethyl phthalate	3.08	0.500	3.330	0	92.4	51.7	106				
Dimethyl phthalate	2.77	0.350	3.330	0	83.2	58.8	104				
Di-n-butyl phthalate	1.82	0.350	1.670	0	109.1	54.3	105				S
Hexachlorobenzene	3.06	0.350	3.330	0	91.8	55.9	106				
Hexachlorobutadiene	2.16	0.500	3.330	0	64.8	35.7	100				
Hexachloroethane	1.65	0.500	3.330	0	49.6	38.9	89.9				
m,p-Cresol	1.30	0.500	1.670	0	78.0	37.6	93.7				
Nitrobenzene	2.24	0.500	3.330	0	67.2	51.8	104				
N-Nitroso-di-n-propylamine	1.35	0.500	1.670	0	81.1	49.1	94.5				
o-Cresol	1.49	0.500	1.670	0	89.0	43	101				
Pentachlorophenol	2.40	2.00	3.330	0	72.2	42.2	102				
Phenol	2.53	0.350	3.330	0	76.0	41.6	81.3				
Pyridine	0.47	0.500	3.330	0	14.2	3.61	74.3				J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: <b>LCS-54360</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/23/2009</b>		RunNo: <b>124983</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>54360</b>		<b>SW3550B</b>		Analysis Date: <b>7/24/2009</b>		SeqNo: <b>2342585</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1.42		1.670		85.2	52.1	113				
Surr: 2-Fluorobiphenyl	0.652		0.8350		78.1	46.3	106				
Surr: 2-Fluorophenol	1.27		1.670		75.8	50.6	89				
Surr: Nitrobenzene-d5	0.600		0.8350		71.9	42.4	99.2				
Surr: Phenol-d5	1.41		1.670		84.5	55.9	98.5				
Surr: p-Terphenyl-d14	0.722		0.8350		86.4	45.5	115				

Sample ID: <b>LCSD-54360</b>		SampType: <b>LCSD</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/23/2009</b>		RunNo: <b>124983</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>54360</b>		<b>SW3550B</b>		Analysis Date: <b>7/24/2009</b>		SeqNo: <b>2342586</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.19	0.500	1.670	0	71.5	43.9	92.2	1.259	5.25	40	
1,4-Dichlorobenzene	0.784	0.500	1.670	0	46.9	43.8	84.1	0.7829	0.0851	40	
2,4,5-Trichlorophenol	2.81	0.350	3.330	0	84.4	38.6	123	2.838	1.01	40	
2,4,6-Trichlorophenol	2.68	0.350	3.330	0	80.6	35.9	123	2.654	1.10	40	
2,4-Dimethylphenol	2.51	0.500	3.330	0	75.5	38.3	88	2.591	3.00	40	
2,4-Dinitrophenol	2.80	1.00	3.330	0	84.1	1.88	162	2.616	6.84	40	
2,4-Dinitrotoluene	1.55	0.350	1.670	0	92.8	48.6	102	1.384	11.3	40	
2-Chlorophenol	2.55	0.500	3.330	0	76.6	46.6	84	2.598	1.84	40	
4-Chloro-3-methylphenol	2.80	0.500	3.330	0	84.2	51.5	94.9	2.795	0.252	40	
4-Nitrophenol	2.57	0.350	3.330	0	77.2	53.2	104	2.642	2.75	40	
Diethyl phthalate	3.12	0.500	3.330	0	93.6	51.7	106	3.077	1.26	40	
Dimethyl phthalate	3.10	0.350	3.330	0	93.2	58.8	104	2.770	11.3	40	
Di-n-butyl phthalate	1.97	0.350	1.670	0	117.9	54.3	105	1.822	7.75	40	S
Hexachlorobenzene	3.22	0.350	3.330	0	96.8	55.9	106	3.058	5.28	40	
Hexachlorobutadiene	2.12	0.500	3.330	0	63.6	35.7	100	2.157	1.86	40	
Hexachloroethane	1.61	0.500	3.330	0	48.4	38.9	89.9	1.652	2.59	40	
m,p-Cresol	1.27	0.500	1.670	0	76.3	37.6	93.7	1.303	2.17	40	
Nitrobenzene	2.22	0.500	3.330	0	66.7	51.8	104	2.239	0.776	40	
N-Nitroso-di-n-propylamine	1.30	0.500	1.670	0	77.9	49.1	94.5	1.355	4.00	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: <b>LCSD-54360</b>		SampType: <b>LCSD</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/23/2009</b>		RunNo: <b>124983</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>54360</b>		<b>SW3550B</b>		Analysis Date: <b>7/24/2009</b>		SeqNo: <b>2342586</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Cresol	1.38	0.500	1.670	0	82.7	43	101	1.486	7.31	40	
Pentachlorophenol	2.65	2.00	3.330	0	79.5	42.2	102	2.403	9.71	40	
Phenol	2.53	0.350	3.330	0	76.0	41.6	81.3	2.531	0.0356	40	
Pyridine	0.579	0.500	3.330	0	17.4	3.61	74.3	0.4716	20.5	40	
Surr: 2,4,6-Tribromophenol	1.45		1.670		86.6	52.1	113		0	40	
Surr: 2-Fluorobiphenyl	0.641		0.8350		76.8	46.3	106		0	40	
Surr: 2-Fluorophenol	1.20		1.670		71.6	50.6	89		0	40	
Surr: Nitrobenzene-d5	0.568		0.8350		68.0	42.4	99.2		0	40	
Surr: Phenol-d5	1.33		1.670		79.4	55.9	98.5		0	40	
Surr: p-Terphenyl-d14	0.774		0.8350		92.7	45.5	115		0	40	

Sample ID: <b>MB-54361</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/23/2009</b>		RunNo: <b>124981</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>54361</b>		<b>SW3550B</b>		Analysis Date: <b>7/24/2009</b>		SeqNo: <b>2342536</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	ND	0.003									
Benzo(a)pyrene	ND	0.003									
Benzo(b)fluoranthene	ND	0.003									
Benzo(g,h,i)perylene	ND	0.003									
Benzo(k)fluoranthene	ND	0.003									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	ND	0.003									
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
Naphthalene	ND	0.003									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: <b>MB-54361</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124981</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54361</b>	<b>SW3550B</b>	Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342536</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.477		0.8330		57.3	17.5	123				
Surr: Nitrobenzene-d5	0.491		0.8330		58.9	35	105				
Surr: p-Terphenyl-d14	0.511		0.8330		61.3	53.6	122				

Sample ID: <b>LCS-54361</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/23/2009</b>	RunNo: <b>124981</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54361</b>	<b>SW3550B</b>	Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342537</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Acenaphthene	0.134	0.003	0.1670	0	80.3	56.3	115				
Acenaphthylene	0.141	0.003	0.1670	0	84.7	60.3	143				
Anthracene	0.126	0.003	0.1670	0	75.6	52.1	109				
Benzo(a)anthracene	0.131	0.003	0.1670	0	78.3	52.8	112				
Benzo(a)pyrene	0.145	0.003	0.1670	0	87.0	40.8	127				
Benzo(b)fluoranthene	0.153	0.003	0.1670	0	91.9	50.1	150				
Benzo(g,h,i)perylene	0.143	0.003	0.1670	0	85.6	52.8	145				
Benzo(k)fluoranthene	0.161	0.003	0.1670	0	96.5	52	153				
Bis(2-ethylhexyl)phthalate	0.155	0.067	0.1670	0	92.7	50	150				
Chrysene	0.156	0.003	0.1670	0	93.6	60.8	128				
Dibenzo(a,h)anthracene	0.144	0.003	0.1670	0	86.2	54.9	150				
Fluoranthene	0.134	0.003	0.1670	0	80.3	58.7	125				
Fluorene	0.147	0.003	0.1670	0	88.1	57.8	125				
Indeno(1,2,3-cd)pyrene	0.147	0.003	0.1670	0	88.0	52	147				
Naphthalene	0.125	0.003	0.1670	0	75.0	54.8	113				
Phenanthrene	0.141	0.003	0.1670	0	84.2	60.4	121				
Pyrene	0.133	0.003	0.1670	0	79.9	57.9	129				
Surr: 2-Fluorobiphenyl	0.512		0.8330		61.4	35.3	113				
Surr: Nitrobenzene-d5	0.508		0.8330		60.9	33.9	108				
Surr: p-Terphenyl-d14	0.518		0.8330		62.1	58.4	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: <b>09070886-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/23/2009</b>		RunNo: <b>124981</b>			
Client ID: <b>P1-C5-F(22)MS</b>		Batch ID: <b>54361</b>		<b>SW3550B</b>		Analysis Date: <b>7/24/2009</b>		SeqNo: <b>2342539</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.164	0.004	0.1838	0.02709	74.3	36	135				
Acenaphthylene	0.182	0.004	0.1838	0.02403	86.0	17.2	167				
Anthracene	0.156	0.004	0.1838	0.02811	69.5	39.3	124				
Benzo(a)anthracene	0.162	0.004	0.1838	0.02100	76.5	10	183				
Benzo(a)pyrene	0.165	0.004	0.1838	0.01767	80.1	10	204				
Benzo(b)fluoranthene	0.172	0.004	0.1838	0.01604	84.9	10.6	178				
Benzo(g,h,i)perylene	0.163	0.004	0.1838	0.009346	83.4	10	168				
Benzo(k)fluoranthene	0.183	0.004	0.1838	0.005562	96.7	27.6	181				
Bis(2-ethylhexyl)phthalate	0.189	0.074	0.1838	0	103.0	50	150				
Chrysene	0.198	0.004	0.1838	0.02213	95.4	10	176				
Dibenzo(a,h)anthracene	0.158	0.004	0.1838	0	86.1	12.2	156				
Fluoranthene	0.189	0.004	0.1838	0.03890	81.8	10	227				
Fluorene	0.187	0.004	0.1838	0.03008	85.2	35.2	148				
Indeno(1,2,3-cd)pyrene	0.163	0.004	0.1838	0.006395	84.9	10	164				
Naphthalene	0.418	0.004	0.1838	0.4184	-0.2	14.7	128				S
Phenanthrene	0.214	0.004	0.1838	0.1034	60.1	32.8	143				
Pyrene	0.191	0.004	0.1838	0.05059	76.6	10	180				
Surr: 2-Fluorobiphenyl	0.543		0.9170		59.2	10	131				
Surr: Nitrobenzene-d5	0.599		0.9170		65.3	10	132				
Surr: p-Terphenyl-d14	0.625		0.9170		68.1	30.6	131				

Sample ID: <b>09070886-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/23/2009</b>		RunNo: <b>124981</b>			
Client ID: <b>P1-C5-F(22)MSD</b>		Batch ID: <b>54361</b>		<b>SW3550B</b>		Analysis Date: <b>7/24/2009</b>		SeqNo: <b>2342540</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.199	0.004	0.1869	0.02709	91.8	36	135	0.1637	19.3	49.7	
Acenaphthylene	0.215	0.004	0.1869	0.02403	102.3	17.2	167	0.1820	16.7	33.3	
Anthracene	0.205	0.004	0.1869	0.02811	94.7	39.3	124	0.1559	27.3	51.1	
Benzo(a)anthracene	0.208	0.004	0.1869	0.02100	100	10	183	0.1616	25.1	40.6	
Benzo(a)pyrene	0.229	0.004	0.1869	0.01767	113.1	10	204	0.1649	32.6	56.4	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: 09070886-001AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 7/23/2009		RunNo: 124981			
Client ID: P1-C5-F(22)MSD		Batch ID: 54361		SW3550B		Analysis Date: 7/24/2009		SeqNo: 2342540			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(b)fluoranthene	0.220	0.004	0.1869	0.01604	109.4	10.6	178	0.1721	24.6	49.7	
Benzo(g,h,i)perylene	0.205	0.004	0.1869	0.009346	104.5	10	168	0.1626	22.9	36.5	
Benzo(k)fluoranthene	0.235	0.004	0.1869	0.005562	122.6	27.6	181	0.1834	24.6	42.6	
Bis(2-ethylhexyl)phthalate	0.238	0.075	0.1869	0	127.4	50	150	0.1893	22.8	60.3	
Chrysene	0.246	0.004	0.1869	0.02213	119.5	10	176	0.1975	21.7	45.1	
Dibenzo(a,h)anthracene	0.200	0.004	0.1869	0	107.3	12.2	156	0.1583	23.5	39.9	
Fluoranthene	0.233	0.004	0.1869	0.03890	104.1	10	227	0.1892	20.9	66.2	
Fluorene	0.215	0.004	0.1869	0.03008	98.7	35.2	148	0.1867	13.9	65.6	
Indeno(1,2,3-cd)pyrene	0.209	0.004	0.1869	0.006395	108.4	10	164	0.1625	25.0	36.5	
Naphthalene	0.398	0.004	0.1869	0.4184	-11.0	14.7	128	0.4180	4.95	39.6	S
Phenanthrene	0.284	0.004	0.1869	0.1034	96.5	32.8	143	0.2138	28.1	35.4	
Pyrene	0.239	0.004	0.1869	0.05059	100.6	10	180	0.1915	21.9	60.1	
Surr: 2-Fluorobiphenyl	0.639		0.9322		68.5	10	131		0	40	
Surr: Nitrobenzene-d5	0.637		0.9322		68.3	10	132		0	40	
Surr: p-Terphenyl-d14	0.708		0.9322		76.0	30.6	131		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW9012B (TCN) Solid

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: <b>MB-R124965</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>124965</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124965</b>		Analysis Date: <b>7/23/2009</b>	SeqNo: <b>2342135</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide < 0.01 0.01

Sample ID: <b>LCS-R124965</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>124965</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124965</b>		Analysis Date: <b>7/23/2009</b>	SeqNo: <b>2342136</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.11 0.01 0.1000 0 105.4 85 115

Sample ID: <b>MB-R124965</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>124965</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124965</b>		Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342569</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide < 0.01 0.01

Sample ID: <b>LCS-R124965</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>124965</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R124965</b>		Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342570</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.11 0.01 0.1000 0 106.3 85 115

Sample ID: <b>09070886-001CMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>124965</b>							
Client ID: <b>P1-C5-F(22)MS</b>	Batch ID: <b>R124965</b>		Analysis Date: <b>7/24/2009</b>	SeqNo: <b>2342572</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 5.70 0.57 2.827 0 201.6 75 125 S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW9012B (TCN) Solid

Lab Order: 09070886

Report Date: 24-Jul-09

Sample ID: <b>09070886-001CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>		Prep Date:	RunNo: <b>124965</b>						
Client ID: <b>P1-C5-F(22)MSD</b>	Batch ID: <b>R124965</b>	Analysis Date: <b>7/24/2009</b>		SeqNo: <b>2342573</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	3.09	0.57	2.827	0	109.2	75	125	5.699	59.5	15	R

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09070886

**Report Date:** 24-Jul-09

Carrier: John Riley

Received By: MLD

Completed by: *Marvin L. Darling II*

Reviewed by: *Heather A. White*

On:  
23-Jul-09  
Marvin L. Darling

On:  
23-Jul-09  
Heather A. White

Pages to follow: Chain of custody  Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 6.8
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <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

09070886

COC Serial No. B 09483

Project Name: AMELN CHAMPAGN Project Mgr.: P. Szalma Project Number: 62-03053 Cost Code: 600000 Sampler(s): J. Crompton Laboratory Name: Teklab Location: Collinsville Sample Number and (depth): P1-CS-E(22) Date: 7-23-09 Time: 0820 Total Number of Containers: 7		Analyses by Method Name and Number <table border="1"> <tr><td>VOCs (8260)</td><td>X</td></tr> <tr><td>SVOCs (8270)</td><td>X</td></tr> <tr><td>PCPA Metals</td><td>X</td></tr> <tr><td>PAHs (820 SMS)</td><td>X</td></tr> <tr><td>Total Cyanide</td><td>X</td></tr> <tr><td>Ammoniacal Cyanide</td><td>X</td></tr> </table>		VOCs (8260)	X	SVOCs (8270)	X	PCPA Metals	X	PAHs (820 SMS)	X	Total Cyanide	X	Ammoniacal Cyanide	X
VOCs (8260)	X														
SVOCs (8270)	X														
PCPA Metals	X														
PAHs (820 SMS)	X														
Total Cyanide	X														
Ammoniacal Cyanide	X														
Laboratory Temperature upon Receipt 6.8 ICE		Lab ID #'s 09070886-001													
Comments (Field PID)															
<h1>1 DAY</h1>															
<b>Samples Iced:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No															
<b>Preservatives (ONLY for Water Samples)</b> <input type="checkbox"/> Volatile Organics ..... Hydrochloric acid (HCl) <input type="checkbox"/> VOC Soil (5035) ..... Sodium Bisulfate/Methanol <input type="checkbox"/> TPH ..... Hydrochloric acid and/or Sulfuric acid (HNO <sub>3</sub> ) <input type="checkbox"/> Metals ..... Nitric acid <input type="checkbox"/> Cyanide ..... Sodium hydroxide (NaOH) <input type="checkbox"/> Other (Specify) .....															
<b>Lab Directives:</b> Requested TAT: <input checked="" type="checkbox"/> Rush <input type="checkbox"/> 5 Days <input type="checkbox"/> STD <input type="checkbox"/> Other Fax and/or Mail Results to: Send Invoice to: QC Deliverable Requested: <input type="checkbox"/> Full QC & Limits <input type="checkbox"/> CLP-LIKE <input type="checkbox"/> EDD <input type="checkbox"/> Other Special Guidelines: Reporting Limits: * Special:															
<b>Relinquished by:</b> Signature: [Signature] Date: 7/23/09 Time: 17:15		<b>Received by:</b> Signature: [Signature] Date: 7/23/09 Time: 17:15													
<b>Shipping:</b> Carrier / Airbill No.															

July 31, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09071112

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 7/30/2009 3:19:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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,

A handwritten signature in black ink that reads "Heather A. White".

Heather A. White  
Project Manager  
(618)344-1004 ex 20



---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09071112

**Report Date:** 31-Jul-09

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
09071112-001	P1-D3.5-F(25)	6	7/30/2009 8:30:00 AM
09071112-002	P1-D5-F(25)	5	7/30/2009 8:45:00 AM

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09071112

**Report Date:** 31-Jul-09

**Cooler Receipt Temp:** 0.2 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09071112

**Client Sample ID:** P1-D3.5-F(25)

**Lab ID:** 09071112-001

**Collection Date:** 7/30/2009 8:30:00 AM

**Report Date:** 31-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		10.4	%	1	7/30/2009 7:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.6	%	1	7/30/2009 7:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.31		3.90	mg/Kg-dry	1	7/31/2009 3:02:47 PM	LAL
Barium	NELAP	0.46		23.8	mg/Kg-dry	1	7/31/2009 3:02:47 PM	LAL
Cadmium	NELAP	0.19	J	0.09	mg/Kg-dry	1	7/31/2009 3:02:47 PM	LAL
Chromium	NELAP	0.93		16.3	mg/Kg-dry	1	7/31/2009 3:02:47 PM	LAL
Lead	NELAP	3.70		12.1	mg/Kg-dry	1	7/31/2009 3:02:47 PM	LAL
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	7/31/2009 3:02:47 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	7/31/2009 3:52:24 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.038		1.83	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Acenaphthylene	NELAP	0.038		1.63	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Anthracene	NELAP	0.038		1.60	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Benzo(a)anthracene	NELAP	0.038		1.16	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Benzo(a)pyrene	NELAP	0.038		1.18	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.038		0.996	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.038		0.599	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.038		0.382	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.752		ND	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Chrysene	NELAP	0.038		1.29	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.038		0.140	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Fluoranthene	NELAP	0.038		2.52	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Fluorene	NELAP	0.038		1.97	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.038		0.476	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Naphthalene	NELAP	0.038		12.4	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Phenanthrene	NELAP	0.038		6.45	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Pyrene	NELAP	0.038		3.63	mg/Kg-dry	10	7/31/2009 10:18:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		65.2	%REC	10	7/31/2009 10:18:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		63.6	%REC	10	7/31/2009 10:18:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		70.0	%REC	10	7/31/2009 10:18:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	5.61	S	ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
1,2-Dichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
1,3-Dichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
1,4-Dichlorobenzene	NELAP	5.61	S	ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09071112  
**Lab ID:** 09071112-001  
**Report Date:** 31-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-D3.5-F(25)  
**Collection Date:** 7/30/2009 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
2,4-Dichlorophenol	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
2,4-Dimethylphenol	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
2,4-Dinitrophenol	NELAP	11.2	S	ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
2,4-Dinitrotoluene	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
2,6-Dinitrotoluene	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
2-Chloronaphthalene	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
2-Chlorophenol	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
2-Methoxy-4-methylphenol		7.29		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
2-Methylnaphthalene	NELAP	3.93		7.46	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
2-Nitroaniline	NELAP	11.2		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
2-Nitrophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
3-Nitroaniline	NELAP	11.2		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	11.2		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
4-Chloroaniline	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
4-Nitroaniline	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
4-Nitrophenol	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Aniline	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Azobenzene		3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Benzidine	NELAP	11.9		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Benzoic acid	NELAP	16.8		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Benzyl alcohol	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Butyl benzyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Carbazole		5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Dibenzofuran	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Diethyl phthalate	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Dimethyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Di-n-butyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Di-n-octyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Hexachlorobenzene	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09071112  
**Lab ID:** 09071112-001  
**Report Date:** 31-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-D3.5-F(25)  
**Collection Date:** 7/30/2009 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Hexachloroethane	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Isophorone	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
m,p-Cresol	NELAP	5.61	S	ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Nitrobenzene	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
N-Nitrosodimethylamine	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
o-Cresol	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Pentachlorophenol	NELAP	22.4	S	ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Phenol	NELAP	3.93		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Pyridine	NELAP	5.61		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
1,2-Diphenylhydrazine		9.43		ND	mg/Kg-dry	10	7/31/2009 1:18:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		62.1	%REC	10	7/31/2009 1:18:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		74.7	%REC	10	7/31/2009 1:18:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		67.1	%REC	10	7/31/2009 1:18:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		81.4	%REC	10	7/31/2009 1:18:00 PM	DMH
Surr: Phenol-d5		34.9-110		71.5	%REC	10	7/31/2009 1:18:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		87.0	%REC	10	7/31/2009 1:18:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,1-Dichloro-2-propanone		42000		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,1-Dichloroethane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,1-Dichloroethene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,1-Dichloropropene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,2,3-Trichloropropane	NELAP	8400		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,2,3-Trimethylbenzene		4200	J	1900	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4200		5290	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,2-Dibromoethane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09071112  
**Lab ID:** 09071112-001  
**Report Date:** 31-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-D3.5-F(25)  
**Collection Date:** 7/30/2009 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,2-Dichloropropane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4200	J	1500	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,3-Dichlorobenzene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,3-Dichloropropane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
1-Chlorobutane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
2,2-Dichloropropane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
2-Butanone	NELAP	42000		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
2-Chlorotoluene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
2-Hexanone	NELAP	42000		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
2-Nitropropane	NELAP	42000		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
4-Chlorotoluene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
4-Methyl-2-pentanone	NELAP	42000		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Acetone	NELAP	42000		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Acrolein	NELAP	84000		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Acrylonitrile	NELAP	8400		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Allyl chloride	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Benzene	NELAP	840		5390	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Bromobenzene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Bromochloromethane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Bromodichloromethane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Bromoform	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Bromomethane	NELAP	8400		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Carbon disulfide	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Carbon tetrachloride	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Chlorobenzene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Chloroethane	NELAP	8400		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Chloroform	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Chloromethane	NELAP	8400		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3360		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Cyclohexanone		84000		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Dibromochloromethane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Dibromomethane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Dichlorodifluoromethane	NELAP	8400		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Ethyl acetate	NELAP	42000		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Ethyl ether	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09071112  
**Lab ID:** 09071112-001  
**Report Date:** 31-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-D3.5-F(25)  
**Collection Date:** 7/30/2009 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Ethylbenzene	NELAP	4200	J	4000	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Heptane		16800		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Hexachlorobutadiene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Hexachloroethane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Iodomethane	NELAP	8400		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Isopropylbenzene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
m,p-Xylenes	NELAP	4200		6770	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Methacrylonitrile	NELAP	42000		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Methyl Methacrylate	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Methyl tert-butyl ether	NELAP	1680		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Methylacrylate		8400		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Methylene chloride	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Naphthalene	NELAP	8400		128000	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
n-Butylbenzene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
n-Hexane		16800		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Nitrobenzene	NELAP	84000		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
n-Propylbenzene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
o-Xylene	NELAP	4200	J	3400	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Pentachloroethane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
p-Isopropyltoluene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Propionitrile	NELAP	42000		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
sec-Butylbenzene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Styrene	NELAP	4200	J	3600	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
tert-Butylbenzene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Tetrachloroethene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Tetrahydrofuran	NELAP	42000		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Toluene	NELAP	4200		6400	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3360		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Trichloroethene	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Trichlorofluoromethane	NELAP	4200		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Vinyl acetate	NELAP	42000		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Vinyl chloride	NELAP	1680		ND	µg/Kg-dry	500	7/30/2009 5:29:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		102.0	%REC	500	7/30/2009 5:29:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		102.6	%REC	500	7/30/2009 5:29:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		102.6	%REC	500	7/30/2009 5:29:00 PM	RWE
Surr: Toluene-d8		80.1-122		96.6	%REC	500	7/30/2009 5:29:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09071112  
**Lab ID:** 09071112-001  
**Report Date:** 31-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-D3.5-F(25)  
**Collection Date:** 7/30/2009 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		<b>0.016</b>	mg/Kg-dry	1	7/30/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.558		<b>Interference</b>	mg/Kg-dry	1	7/31/2009 11:42:21 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.56	S	<b>10.2</b>	mg/Kg-dry	1	7/31/2009 11:42:21 AM	RCE

### Sample Narrative

SW-846 9012A (Total)

Matrix spike did not recover within control limits due to matrix interference.

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09071112

**Client Sample ID:** P1-D5-F(25)

**Lab ID:** 09071112-002

**Collection Date:** 7/30/2009 8:45:00 AM

**Report Date:** 31-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		9.5	%	1	7/30/2009 7:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		90.5	%	1	7/30/2009 7:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		3.85	mg/Kg-dry	1	7/31/2009 3:09:26 PM	LAL
Barium	NELAP	0.48		16.9	mg/Kg-dry	1	7/31/2009 3:09:26 PM	LAL
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	7/31/2009 3:09:26 PM	LAL
Chromium	NELAP	0.96		16.6	mg/Kg-dry	1	7/31/2009 3:09:26 PM	LAL
Lead	NELAP	3.85		9.87	mg/Kg-dry	1	7/31/2009 3:09:26 PM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/31/2009 3:09:26 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	7/31/2009 4:09:16 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004	S	0.302	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.063	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Anthracene	NELAP	0.004		0.148	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.101	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.105	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.096	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.056	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.032	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Chrysene	NELAP	0.004		0.108	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		0.014	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Fluoranthene	NELAP	0.004		0.212	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Fluorene	NELAP	0.004		0.174	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.044	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Naphthalene	NELAP	0.004	S	0.660	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Phenanthrene	NELAP	0.004	SR	0.557	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Pyrene	NELAP	0.004	S	0.300	mg/Kg-dry	1	7/31/2009 10:53:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		52.7	%REC	1	7/31/2009 10:53:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		55.3	%REC	1	7/31/2009 10:53:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		65.8	%REC	1	7/31/2009 10:53:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09071112  
**Lab ID:** 09071112-002  
**Report Date:** 31-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-D5-F(25)  
**Collection Date:** 7/30/2009 8:45:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
2-Chloronaphthalene	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
2-Chlorophenol	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
2-Methoxy-4-methylphenol		0.725		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
2-Methylnaphthalene	NELAP	0.390		0.446	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
2-Nitrophenol	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
4-Chloroaniline	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
4-Nitroaniline	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
4-Nitrophenol	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Aniline	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Azobenzene		0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Benzidine	NELAP	1.18		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Benzoic acid	NELAP	1.67		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Benzyl alcohol	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Carbazole		0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Dibenzofuran	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Diethyl phthalate	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Dimethyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Hexachlorobenzene	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09071112  
**Lab ID:** 09071112-002  
**Report Date:** 31-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-D5-F(25)  
**Collection Date:** 7/30/2009 8:45:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Hexachloroethane	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Isophorone	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
m,p-Cresol	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Nitrobenzene	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
o-Cresol	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Pentachlorophenol	NELAP	2.23		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Phenol	NELAP	0.390		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Pyridine	NELAP	0.558		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
1,2-Diphenylhydrazine		0.937		ND	mg/Kg-dry	1	7/31/2009 1:49:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		60.7	%REC	1	7/31/2009 1:49:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		60.2	%REC	1	7/31/2009 1:49:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		54.5	%REC	1	7/31/2009 1:49:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		65.6	%REC	1	7/31/2009 1:49:00 PM	DMH
Surr: Phenol-d5		34.9-110		62.9	%REC	1	7/31/2009 1:49:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		79.2	%REC	1	7/31/2009 1:49:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,1-Dichloro-2-propanone		50900		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,1-Dichloroethane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,1-Dichloroethene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,1-Dichloropropene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10200		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,2,3-Trimethylbenzene		5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,2-Dibromoethane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09071112

**Client Sample ID:** P1-D5-F(25)

**Lab ID:** 09071112-002

**Collection Date:** 7/30/2009 8:45:00 AM

**Report Date:** 31-Jul-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,2-Dichloropropane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,3-Dichloropropane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
1-Chlorobutane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
2,2-Dichloropropane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
2-Butanone	NELAP	50900		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
2-Chlorotoluene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
2-Hexanone	NELAP	50900		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
2-Nitropropane	NELAP	50900		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
4-Chlorotoluene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
4-Methyl-2-pentanone	NELAP	50900		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Acetone	NELAP	50900		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Acrolein	NELAP	102000		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Acrylonitrile	NELAP	10200		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Allyl chloride	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Benzene	NELAP	1020		20900	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Bromobenzene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Bromochloromethane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Bromodichloromethane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Bromoform	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Bromomethane	NELAP	10200		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Carbon disulfide	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Carbon tetrachloride	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Chlorobenzene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Chloroethane	NELAP	10200		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Chloroform	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Chloromethane	NELAP	10200		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4070		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Cyclohexanone		102000		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Dibromochloromethane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Dibromomethane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Dichlorodifluoromethane	NELAP	10200		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Ethyl acetate	NELAP	50900		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Ethyl ether	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09071112  
**Lab ID:** 09071112-002  
**Report Date:** 31-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-D5-F(25)  
**Collection Date:** 7/30/2009 8:45:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Ethylbenzene	NELAP	5090	J	2700	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Heptane		20400		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Hexachlorobutadiene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Hexachloroethane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Iodomethane	NELAP	10200		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Isopropylbenzene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
m,p-Xylenes	NELAP	5090	J	3600	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Methacrylonitrile	NELAP	50900		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Methyl Methacrylate	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Methyl tert-butyl ether	NELAP	2040		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Methylacrylate		10200		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Methylene chloride	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Naphthalene	NELAP	10200		26500	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
n-Butylbenzene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
n-Hexane		20400		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Nitrobenzene	NELAP	102000		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
n-Propylbenzene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
o-Xylene	NELAP	5090	J	1900	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Pentachloroethane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
p-Isopropyltoluene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Propionitrile	NELAP	50900		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
sec-Butylbenzene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Styrene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
tert-Butylbenzene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Tetrachloroethene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Tetrahydrofuran	NELAP	50900		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Toluene	NELAP	5090		30700	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4070		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Trichloroethene	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Trichlorofluoromethane	NELAP	5090		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Vinyl acetate	NELAP	50900		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Vinyl chloride	NELAP	2040		ND	µg/Kg-dry	500	7/30/2009 5:56:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		104.0	%REC	500	7/30/2009 5:56:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		106.8	%REC	500	7/30/2009 5:56:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		103.5	%REC	500	7/30/2009 5:56:00 PM	RWE
Surr: Toluene-d8		80.1-122		95.6	%REC	500	7/30/2009 5:56:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09071112  
**Lab ID:** 09071112-002  
**Report Date:** 31-Jul-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-D5-F(25)  
**Collection Date:** 7/30/2009 8:45:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		<b>0.011</b>	mg/Kg-dry	1	7/30/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.553		<b>Interference</b>	mg/Kg-dry	1	7/31/2009 11:42:21 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	0.55	J	<b>0.35</b>	mg/Kg-dry	1	7/31/2009 11:42:21 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09071112

**Report Date:** 31-Jul-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09071112-001A	P1-D3.5-F(25)	7/30/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/30/2009 6:01:17 PM	7/31/2009 10:18:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/30/2009 6:01:47 PM	7/31/2009 1:18:00 PM
09071112-001B				SW-846 3050B, 6010B, Metals by ICP	7/31/2009 8:05:17 AM	7/31/2009 3:02:47 PM
				SW-846 3050B, Metals by GFAA	7/31/2009 7:46:32 AM	7/31/2009 3:52:24 PM
				SW-846 3050B, Metals by GFAA	7/31/2009 7:46:32 AM	7/31/2009 4:05:52 PM
				SW-846 7471A	7/30/2009 5:00:00 PM	7/30/2009
09071112-001C				ASTM D2974		7/30/2009 7:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/30/2009 7:00:00 PM
				SW-846 9012A		7/31/2009 11:42:21 AM
				SW-846 9012A (Total)		7/31/2009 11:42:21 AM
09071112-001F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/30/2009 3:45:00 PM	7/30/2009 5:29:00 PM
09071112-002A	P1-D5-F(25)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/30/2009 6:01:17 PM	7/31/2009 10:53:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/30/2009 6:01:47 PM	7/31/2009 1:49:00 PM
09071112-002B				ASTM D2974		7/30/2009 7:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/30/2009 7:00:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/31/2009 8:05:17 AM	7/31/2009 3:09:26 PM
				SW-846 3050B, Metals by GFAA	7/31/2009 7:46:32 AM	7/31/2009 2:39:40 PM
				SW-846 3050B, Metals by GFAA	7/31/2009 7:46:32 AM	7/31/2009 4:09:16 PM
				SW-846 7471A	7/30/2009 5:00:00 PM	7/30/2009
				SW-846 9012A		7/31/2009 11:42:21 AM
				SW-846 9012A (Total)		7/31/2009 11:42:21 AM
09071112-002E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	7/30/2009 3:45:00 PM	7/30/2009 5:56:00 PM

**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- 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.
- 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. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- 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. (NELAC) The acceptable recovery range is listed in this report.
- LCS D** 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 this report.
- 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 this report.
- 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 this report.
- MDL** Method detection limit or limit of detection (LOD) 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.
- MB/LCB** Method blank or lab control 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 are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) 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 this report.
- 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 this report.
- 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. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

**Qualifiers**

<b>DF</b> - Dilution Factor	<b>B</b> - Analyte detected in the associated Method Blank	<b>C</b> - Client requested RL below PQL	<b>MI</b> - Matrix interference
<b>RL</b> - Reporting Limit	<b>J</b> - Analyte detected below reporting limits	<b>D</b> - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	<b>R</b> - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	<b>S</b> - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count ( > 200 CFU )	<b>X</b> - Value exceeds Maximum Contaminant Level	<b>#</b> - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited



Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09071112

Report Date: 31-Jul-09

## ANALYTICAL QC SUMMARY REPORT

Test Number: M2540 G

Sample ID: <b>LCS-R125262</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>125262</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R125262</b>		Analysis Date: <b>7/30/2009</b>	SeqNo: <b>2348576</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>125262</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R125262</b>		Analysis Date: <b>7/30/2009</b>	SeqNo: <b>2348577</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Sample ID: <b>09071112-001CDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>125262</b>							
Client ID: <b>P1-D3.5-F(25)DUP</b>	Batch ID: <b>R125262</b>		Analysis Date: <b>7/30/2009</b>	SeqNo: <b>2348656</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 89.2 0.1 89.62 0.470 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW6010B

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>MB-54546</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/31/2009</b>	RunNo: <b>125240</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54546</b>	<b>SOP 3032</b>				Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348550</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	< 4.00	4.00	4.000	0	0	-100	100				
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Sample ID: <b>LCS-54546</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/31/2009</b>	RunNo: <b>125240</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54546</b>	<b>SOP 3032</b>				Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348551</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	48.8	4.00	50.00	0	97.6	85	115				
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Sample ID: <b>MB-54546</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/31/2009</b>	RunNo: <b>125259</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54546</b>	<b>SOP 3032</b>				Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348663</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Barium	< 0.50	0.50	0.5000	0	0	-100	100				
Cadmium	< 0.20	0.20	0.2000	0	0	-100	100				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Sample ID: <b>LCS-54546</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/31/2009</b>	RunNo: <b>125259</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54546</b>	<b>SOP 3032</b>				Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348664</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	198	2.50	200.0	0	98.8	85	115				
Barium	206	0.50	200.0	0	102.8	85	115				
Cadmium	5.01	0.20	5.000	0	100.2	85	115				
Chromium	20.7	1.00	20.00	0	103.5	85	115				
Lead	50.7	4.00	50.00	0	101.4	85	115				
Silver	5.01	0.55	5.000	0	100.2	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW6010B

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>09071112-002BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/31/2009</b>	RunNo: <b>125259</b>
Client ID: <b>P1-D5-F(25)MS</b>	Batch ID: <b>54546</b>	<b>SOP 3032</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348709</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	182	2.40	192.3	3.846	92.4	75	125				
Barium	186	0.48	192.3	16.88	88.2	75	125				
Cadmium	4.18	0.19	4.808	0	87.0	75	125				
Chromium	35.0	0.96	19.23	16.63	95.8	75	125				
Lead	50.5	3.85	48.08	9.865	84.6	75	125				
Silver	4.38	0.53	4.808	0	91.2	75	125				

Sample ID: <b>09071112-002BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/31/2009</b>	RunNo: <b>125259</b>
Client ID: <b>P1-D5-F(25)MSD</b>	Batch ID: <b>54546</b>	<b>SOP 3032</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348714</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	177	2.40	192.3	3.846	90.0	75	125	181.5	2.63	20	
Barium	180	0.48	192.3	16.88	85.0	75	125	186.4	3.30	20	
Cadmium	4.06	0.19	4.808	0	84.4	75	125	4.183	3.03	20	
Chromium	34.1	0.96	19.23	16.63	90.9	75	125	35.05	2.70	20	
Lead	49.7	3.85	48.08	9.865	82.9	75	125	50.54	1.59	20	
Silver	4.23	0.53	4.808	0	88.0	75	125	4.385	3.57	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW7000 G

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>MB-54544</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/31/2009</b>	RunNo: <b>125253</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54544</b>	<b>SOP 3042</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348841</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	< 0.600	0.600	0.6000	0	0	-100	100			
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Sample ID: <b>LCS-54544</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/31/2009</b>	RunNo: <b>125253</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54544</b>	<b>SOP 3042</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348842</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.90	0.600	3.000	0	96.6	80	120			
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Sample ID: <b>09071112-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/31/2009</b>	RunNo: <b>125253</b>							
Client ID: <b>P1-D3.5-F(25)MS</b>	Batch ID: <b>54544</b>	<b>SOP 3042</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348846</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	3.05	1.18	2.941	0	103.7	70	130			
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Sample ID: <b>09071112-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/31/2009</b>	RunNo: <b>125253</b>							
Client ID: <b>P1-D3.5-F(25)MSD</b>	Batch ID: <b>54544</b>	<b>SOP 3042</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348850</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.51	1.18	2.941	0	85.3	70	130	3.051	19.5	20
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW7471 A

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>MB-54524</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125216</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54524</b>	<b>SOP 3063</b>	Analysis Date: <b>7/30/2009</b>	SeqNo: <b>2347518</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	< 0.010	0.010	0.01000	0	0	-100	100				
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Sample ID: <b>LCS-54524</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125216</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54524</b>	<b>SOP 3063</b>	Analysis Date: <b>7/30/2009</b>	SeqNo: <b>2347519</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.226	0.010	0.2500	0	90.2	85	115				
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Sample ID: <b>09071112-002BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125216</b>							
Client ID: <b>P1-D5-F(25)MS</b>	Batch ID: <b>54524</b>	<b>SOP 3063</b>	Analysis Date: <b>7/30/2009</b>	SeqNo: <b>2347522</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.320	0.011	0.2663	0.01065	116.0	75	125				
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Sample ID: <b>09071112-002BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125216</b>							
Client ID: <b>P1-D5-F(25)MSD</b>	Batch ID: <b>54524</b>	<b>SOP 3063</b>	Analysis Date: <b>7/30/2009</b>	SeqNo: <b>2347523</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.328	0.011	0.2663	0.01065	119.2	75	125	0.3195	2.63	15	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: LCS-A090730-1	SampType: LCS	Units: µg/Kg				Prep Date: 7/29/2009	RunNo: 125232				
Client ID: ZZZZZZ	Batch ID: 54509	SW5035				Analysis Date: 7/30/2009	SeqNo: 2348118				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	56.9	5.0	50.00	0	113.7	77.5	121				
1,1-Dichloroethene	58.1	5.0	50.00	0	116.2	52	133				
1,2-Dibromoethane	49.4	5.0	50.00	0	98.9	85.2	119				
1,2-Dichlorobenzene	53.1	5.0	50.00	0	106.3	84.2	122				
1,2-Dichloroethane	52.0	5.0	50.00	0	104.1	71.1	125				
1,3-Dichlorobenzene	56.8	5.0	50.00	0	113.6	83.3	125				
1,4-Dichlorobenzene	55.9	5.0	50.00	0	111.8	81.9	128				
2-Butanone	79.9	50.0	100.0	0	79.9	39.1	105				
Benzene	48.0	1.0	50.00	0	96.0	77.9	123				
Bromodichloromethane	56.8	5.0	50.00	0	113.6	87.9	119				
Carbon tetrachloride	56.4	5.0	50.00	0	112.7	77.5	128				
Chlorobenzene	51.0	5.0	50.00	0	102.0	87.8	120				
Chloroform	50.2	5.0	50.00	0	100.4	81.5	119				
Dibromochloromethane	50.9	5.0	50.00	0	101.8	88.6	119				
Ethylbenzene	50.1	5.0	50.00	0	100.2	80.9	119				
m,p-Xylenes	48.7	5.0	50.00	0	97.4	77.6	120				
Methyl tert-butyl ether	51.4	2.0	50.00	0	102.9	69.8	121				
Methylene chloride	45.5	5.0	50.00	0	91.1	71.5	124				
Naphthalene	55.3	10	50.00	0	110.6	75.7	123				
o-Xylene	49.8	5.0	50.00	0	99.5	82.4	124				
Tetrachloroethene	48.3	5.0	50.00	0	96.5	74.2	113				
Toluene	46.4	5.0	50.00	0	92.9	80.2	115				
Trichloroethene	51.6	5.0	50.00	0	103.2	83.3	118				
Surr: 1,2-Dichloroethane-d4	50.2		50.00		100.5	61	128				
Surr: 4-Bromofluorobenzene	51.4		50.00		102.9	78.2	117				
Surr: Dibromofluoromethane	51.0		50.00		102.1	66.6	130				
Surr: Toluene-d8	48.3		50.00		96.5	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>LCSD-A090730-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/29/2009</b>	RunNo: <b>125232</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54509</b>	<b>SW5035</b>	Analysis Date: <b>7/30/2009</b>	SeqNo: <b>2348119</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	59.4	5.0	50.00	0	118.8	77.5	121	56.86	4.40	20	
1,1-Dichloroethene	58.0	5.0	50.00	0	116.0	52	133	58.12	0.207	20	
1,2-Dibromoethane	52.4	5.0	50.00	0	104.8	85.2	119	49.43	5.87	20	
1,2-Dichlorobenzene	53.4	5.0	50.00	0	106.8	84.2	122	53.13	0.526	20	
1,2-Dichloroethane	54.0	5.0	50.00	0	108.0	71.1	125	52.03	3.75	20	
1,3-Dichlorobenzene	57.5	5.0	50.00	0	115.0	83.3	125	56.80	1.22	20	
1,4-Dichlorobenzene	56.0	5.0	50.00	0	112.0	81.9	128	55.88	0.197	20	
2-Butanone	81.6	50.0	100.0	0	81.6	39.1	105	79.88	2.19	20	
Benzene	49.2	1.0	50.00	0	98.5	77.9	123	48.01	2.51	20	
Bromodichloromethane	58.1	5.0	50.00	0	116.3	87.9	119	56.79	2.35	20	
Carbon tetrachloride	59.2	5.0	50.00	0	118.3	77.5	128	56.37	4.81	20	
Chlorobenzene	51.8	5.0	50.00	0	103.7	87.8	120	51.00	1.61	20	
Chloroform	51.7	5.0	50.00	0	103.3	81.5	119	50.19	2.89	20	
Dibromochloromethane	53.5	5.0	50.00	0	106.9	88.6	119	50.92	4.89	20	
Ethylbenzene	51.1	5.0	50.00	0	102.1	80.9	119	50.08	1.96	20	
m,p-Xylenes	49.4	5.0	50.00	0	98.7	77.6	120	48.71	1.35	20	
Methyl tert-butyl ether	51.8	2.0	50.00	0	103.6	69.8	121	51.44	0.736	20	
Methylene chloride	44.8	5.0	50.00	0	89.6	71.5	124	45.53	1.57	20	
Naphthalene	52.3	10	50.00	0	104.6	75.7	123	55.29	5.52	20	
o-Xylene	49.9	5.0	50.00	0	99.8	82.4	124	49.75	0.261	20	
Tetrachloroethene	49.3	5.0	50.00	0	98.6	74.2	113	48.26	2.17	20	
Toluene	48.3	5.0	50.00	0	96.6	80.2	115	46.45	3.93	20	
Trichloroethene	53.0	5.0	50.00	0	105.9	83.3	118	51.60	2.58	20	
Surr: 1,2-Dichloroethane-d4	52.1		50.00		104.2	61	128		0	0	
Surr: 4-Bromofluorobenzene	51.4		50.00		102.8	78.2	117		0	0	
Surr: Dibromofluoromethane	52.1		50.00		104.2	66.6	130		0	0	
Surr: Toluene-d8	48.5		50.00		97.1	80.1	122		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>MBLK-A090730-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/29/2009</b>	RunNo: <b>125232</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54509</b>	<b>SW5035</b>	Analysis Date: <b>7/30/2009</b>	SeqNo: <b>2348120</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	10									
1,2,3-Trimethylbenzene	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
1-Chlorobutane	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.0									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.0									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>MBLK-A090730-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/29/2009</b>	RunNo: <b>125232</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54509</b>	<b>SW5035</b>	Analysis Date: <b>7/30/2009</b>	SeqNo: <b>2348120</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10									
Allyl chloride	ND	5.0									
Benzene	ND	1.0									
Bromobenzene	ND	5.0									
Bromochloromethane	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	10									
Carbon disulfide	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	10									
Chloroform	ND	5.0									
Chloromethane	ND	10									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	4.0									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	10									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.0									
Ethyl methacrylate	ND	5.0									
Ethylbenzene	ND	5.0									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.0									
Hexachloroethane	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>MBLK-A090730-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/29/2009</b>	RunNo: <b>125232</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54509</b>	<b>SW5035</b>	Analysis Date: <b>7/30/2009</b>	SeqNo: <b>2348120</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iodomethane	ND	10									
Isopropylbenzene	ND	5.0									
m,p-Xylenes	ND	5.0									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.0									
Methyl tert-butyl ether	ND	2.0									
Methylacrylate	ND	10									
Methylene chloride	ND	5.0									
Naphthalene	ND	10									
n-Butylbenzene	ND	5.0									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.0									
o-Xylene	ND	5.0									
Pentachloroethane	ND	5.0									
p-Isopropyltoluene	ND	5.0									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	4.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.0									
Surr: 1,2-Dichloroethane-d4	54.9		50.00		109.8	61	128				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>MBLK-A090730-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/29/2009</b>	RunNo: <b>125232</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54509</b>	<b>SW5035</b>	Analysis Date: <b>7/30/2009</b>	SeqNo: <b>2348120</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	51.3		50.00		102.6	78.2	117				
Surr: Dibromofluoromethane	54.0		50.00		107.9	66.6	130				
Surr: Toluene-d8	47.7		50.00		95.4	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09071112

Report Date: 31-Jul-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: MB-54521	SampType: MBLK	Units: mg/Kg	Prep Date: 7/30/2009	RunNo: 125255							
Client ID: ZZZZZZ	Batch ID: 54521	SW3550B	Analysis Date: 7/31/2009	SeqNo: 2348433							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>MB-54521</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125255</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54521</b>	<b>SW3550B</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348433</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.21		1.670		72.4	52.1	113				
Surr: 2-Fluorobiphenyl	0.564		0.8350		67.5	46.3	106				
Surr: 2-Fluorophenol	1.17		1.670		70.3	50.6	89				
Surr: Nitrobenzene-d5	0.580		0.8350		69.4	42.4	99.2				
Surr: Phenol-d5	1.19		1.670		71.2	55.9	98.5				
Surr: p-Terphenyl-d14	0.688		0.8350		82.4	45.5	115				

Sample ID: <b>LCS-54521</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125255</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54521</b>	<b>SW3550B</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348434</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.03	0.500	1.670	0	61.4	43.9	92.2				
1,4-Dichlorobenzene	0.930	0.500	1.670	0	55.7	43.8	84.1				
2,4,5-Trichlorophenol	2.17	0.350	3.330	0	65.0	38.6	123				
2,4,6-Trichlorophenol	2.12	0.350	3.330	0	63.7	35.9	123				
2,4-Dimethylphenol	2.08	0.500	3.330	0	62.6	38.3	88				
2,4-Dinitrophenol	1.53	1.00	3.330	0	45.8	1.88	162				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: LCS-54521	SampType: LCS	Units: mg/Kg				Prep Date: 7/30/2009	RunNo: 125255				
Client ID: ZZZZZZ	Batch ID: 54521	SW3550B				Analysis Date: 7/31/2009	SeqNo: 2348434				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.13	0.350	1.670	0	67.6	48.6	102				
2-Chlorophenol	2.08	0.500	3.330	0	62.6	46.6	84				
4-Chloro-3-methylphenol	2.21	0.500	3.330	0	66.2	51.5	94.9				
4-Nitrophenol	2.25	0.350	3.330	0	67.5	53.2	104				
Acenaphthene	1.02	0.350	1.670	0	60.9	50.8	113				
Acenaphthylene	1.57	0.350	1.670	0	94.0	52.8	121				
Anthracene	1.09	0.350	1.670	0	65.1	53.3	115				
Benzo(a)anthracene	1.08	0.350	1.670	0	64.9	62.3	110				
Benzo(a)pyrene	1.14	0.350	1.670	0	68.2	58.2	109				
Benzo(b)fluoranthene	0.961	0.350	1.670	0	57.5	51.8	107				
Benzo(g,h,i)perylene	1.22	0.350	1.670	0	72.8	49.6	121				
Benzo(k)fluoranthene	1.23	0.350	1.670	0	73.5	63.1	129				
Bis(2-ethylhexyl)phthalate	1.16	0.350	1.670	0	69.5	56.3	109				
Chrysene	1.33	0.350	1.670	0	79.8	58.4	115				
Dibenzo(a,h)anthracene	1.20	0.350	1.670	0	71.8	54.9	120				
Diethyl phthalate	2.16	0.500	3.330	0	64.9	51.7	106				
Dimethyl phthalate	2.29	0.350	3.330	0	68.7	58.8	104				
Di-n-butyl phthalate	1.21	0.350	1.670	0	72.6	54.3	105				
Fluoranthene	1.21	0.350	1.670	0	72.2	61.6	113				
Fluorene	1.11	0.350	1.670	0	66.3	52.2	116				
Hexachlorobenzene	2.16	0.350	3.330	0	64.8	55.9	106				
Hexachlorobutadiene	2.04	0.500	3.330	0	61.2	35.7	100				
Hexachloroethane	1.91	0.500	3.330	0	57.5	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.20	0.350	1.670	0	72.1	52.7	115				
m,p-Cresol	1.09	0.500	1.670	0	65.4	37.6	93.7				
Naphthalene	0.957	0.350	1.670	0	57.3	45.7	101				
Nitrobenzene	1.83	0.500	3.330	0	54.8	51.8	104				
N-Nitroso-di-n-propylamine	1.12	0.500	1.670	0	66.8	49.1	94.5				
o-Cresol	1.10	0.500	1.670	0	65.9	43	101				
Pentachlorophenol	1.8	2.00	3.330	0	53.1	42.2	102				J

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>LCS-54521</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/30/2009</b>		RunNo: <b>125255</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>54521</b>		<b>SW3550B</b>		Analysis Date: <b>7/31/2009</b>		SeqNo: <b>2348434</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.04	0.350	1.670	0	62.5	52.9	113				
Phenol	2.10	0.350	3.330	0	63.0	41.6	81.3				
Pyrene	1.20	0.500	1.670	0	71.8	60.7	115				
Pyridine	1.14	0.500	3.330	0	34.3	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.05		1.670		63.0	52.1	113				
Surr: 2-Fluorobiphenyl	0.485		0.8350		58.1	46.3	106				
Surr: 2-Fluorophenol	0.951		1.670		57.0	50.6	89				
Surr: Nitrobenzene-d5	0.486		0.8350		58.2	42.4	99.2				
Surr: Phenol-d5	1.02		1.670		61.3	55.9	98.5				
Surr: p-Terphenyl-d14	0.561		0.8350		67.2	45.5	115				

Sample ID: <b>09071112-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/30/2009</b>		RunNo: <b>125255</b>			
Client ID: <b>P1-D3.5-F(25)MS</b>		Batch ID: <b>54521</b>		<b>SW3550B</b>		Analysis Date: <b>7/31/2009</b>		SeqNo: <b>2348705</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorophenol	2.9	5.56	3.701	0	78.5	22.6	108				J
4-Chloro-3-methylphenol	3.2	5.56	3.701	0	85.6	19.3	131				J
4-Nitrophenol	2.3	3.89	3.701	0	62.6	27.6	123				J
Diethyl phthalate	3.4	5.56	3.701	0	92.2	51.7	106				J
Dimethyl phthalate	3.1	3.89	3.701	0	84.1	58.8	104				J
Di-n-butyl phthalate	1.8	3.89	1.856	0	98.8	54.3	105				J
Hexachlorobenzene	3.1	3.89	3.701	0	83.2	55.9	106				J
Hexachlorobutadiene	2.5	5.56	3.701	0	68.5	35.7	100				J
Hexachloroethane	3.0	5.56	3.701	0	81.2	38.9	89.9				J
m,p-Cresol	1.5	5.56	1.856	0	79.9	37.6	93.7				J
Nitrobenzene	3.0	5.56	3.701	0	79.9	51.8	104				J
N-Nitroso-di-n-propylamine	1.6	5.56	1.856	0	85.6	45.5	99.1				J
o-Cresol	1.6	5.56	1.856	0	85.8	43	101				J
Pentachlorophenol	ND	22.2	3.701	0	0	18.5	113				S
Phenol	2.9	3.89	3.701	0	78.5	20.8	110				J



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>09071112-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/30/2009</b>		RunNo: <b>125255</b>			
Client ID: <b>P1-D3.5-F(25)MS</b>		Batch ID: <b>54521</b>		<b>SW3550B</b>		Analysis Date: <b>7/31/2009</b>		SeqNo: <b>2348705</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyridine	1.7	5.56	3.701	0	45.1	3.61	74.3				J
Surr: 2-Fluorobiphenyl	0.563		0.9280		60.7	34.1	116				
Surr: 2-Fluorophenol	1.15		1.856		62.1	30.5	99				
Surr: Nitrobenzene-d5	0.663		0.9280		71.5	34.1	101				
Surr: Phenol-d5	1.32		1.856		70.9	34.9	110				
Surr: p-Terphenyl-d14	0.663		0.9280		71.5	41.7	124				

Sample ID: <b>09071112-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/30/2009</b>		RunNo: <b>125255</b>			
Client ID: <b>P1-D3.5-F(25)MSD</b>		Batch ID: <b>54521</b>		<b>SW3550B</b>		Analysis Date: <b>7/31/2009</b>		SeqNo: <b>2348706</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorophenol	2.7	5.65	3.761	0	71.7	22.6	108	2.907	0	40	J
4-Chloro-3-methylphenol	2.7	5.65	3.761	0	71.8	19.3	131	3.168	0	40	J
4-Nitrophenol	2.0	3.95	3.761	0	52.3	27.6	123	2.317	0	40	J
Diethyl phthalate	3.2	5.65	3.761	0	84.5	51.7	106	3.411	0	40	J
Dimethyl phthalate	3.2	3.95	3.761	0	84.0	58.8	104	3.111	0	40	J
Di-n-butyl phthalate	1.8	3.95	1.886	0	92.8	54.3	105	1.833	0	40	J
Hexachlorobenzene	2.9	3.95	3.761	0	76.7	55.9	106	3.080	0	40	J
Hexachlorobutadiene	2.7	5.65	3.761	0	71.7	35.7	100	2.537	0	40	J
Hexachloroethane	3.1	5.65	3.761	0	81.6	38.9	89.9	3.003	0	40	J
m,p-Cresol	ND	5.65	1.886	0	0	37.6	93.7	1.483	0	40	S
Nitrobenzene	2.9	5.65	3.761	0	76.4	51.8	104	2.956	0	40	J
N-Nitroso-di-n-propylamine	1.5	5.65	1.886	0	81.9	45.5	99.1	1.589	0	40	J
o-Cresol	1.5	5.65	1.886	0	78.6	43	101	1.593	0	40	J
Pentachlorophenol	ND	22.6	3.761	0	0	18.5	113	0	0	40	S
Phenol	2.7	3.95	3.761	0	71.3	20.8	110	2.907	0	40	J
Pyridine	1.8	5.65	3.761	0	48.5	3.61	74.3	1.670	0	40	J
Surr: 2-Fluorobiphenyl	0.584		0.9430		61.9	34.1	116		0	40	
Surr: 2-Fluorophenol	1.17		1.886		61.9	30.5	99		0	40	
Surr: Nitrobenzene-d5	0.629		0.9430		66.7	34.1	101		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>09071112-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125255</b>							
Client ID: <b>P1-D3.5-F(25)MSD</b>	Batch ID: <b>54521</b>	<b>SW3550B</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348706</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Phenol-d5	1.25		1.886		66.1	34.9	110		0	40	
Surr: p-Terphenyl-d14	0.666		0.9430		70.7	41.7	124		0	40	

Sample ID: <b>MB-54522</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125249</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54522</b>	<b>SW3550B</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348406</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dimethylphenol	ND	0									
2-Methylnaphthalene	ND	0									
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	ND	0.003									
Benzo(a)pyrene	ND	0.003									
Benzo(b)fluoranthene	ND	0.003									
Benzo(g,h,i)perylene	ND	0.003									
Benzo(k)fluoranthene	ND	0.003									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Carbazole	ND	0									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	ND	0.003									
Dibenzofuran	ND	0									
Diethyl phthalate	ND	0.034									
Dimethyl phthalate	ND	0.034									
Di-n-butyl phthalate	ND	0.034									
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
m,p-Cresol	ND	0.010									
Naphthalene	ND	0.003									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>MB-54522</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125249</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54522</b>	<b>SW3550B</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348406</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Cresol	ND	0.003									
Phenanthrene	ND	0.003									
Phenol	0.007	0									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.550		0.8330		66.0	17.5	123				
Surr: 2-Fluorophenol	1.04		1.670		62.5	23	117				
Surr: Nitrobenzene-d5	0.576		0.8330		69.1	35	105				
Surr: Phenol-d5	1.18		1.670		70.4	33.2	125				
Surr: p-Terphenyl-d14	0.624		0.8330		74.9	53.6	122				

Sample ID: <b>LCS-54522</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125249</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54522</b>	<b>SW3550B</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348407</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.130	0.003	0.1670	0	77.5	56.3	115				
Acenaphthylene	0.130	0.003	0.1670	0	78.0	60.3	143				
Anthracene	0.126	0.003	0.1670	0	75.7	52.1	109				
Benzo(a)anthracene	0.126	0.003	0.1670	0	75.3	52.8	112				
Benzo(a)pyrene	0.131	0.003	0.1670	0	78.4	40.8	127				
Benzo(b)fluoranthene	0.138	0.003	0.1670	0	82.9	50.1	150				
Benzo(g,h,i)perylene	0.136	0.003	0.1670	0	81.2	52.8	145				
Benzo(k)fluoranthene	0.151	0.003	0.1670	0	90.5	52	153				
Bis(2-ethylhexyl)phthalate	0.165	0.067	0.1670	0	99.0	50	150				
Chrysene	0.147	0.003	0.1670	0	88.0	60.8	128				
Dibenzo(a,h)anthracene	0.134	0.003	0.1670	0	80.0	54.9	150				
Diethyl phthalate	0.142	0.034	0.1670	0	85.1	50	150				
Dimethyl phthalate	0.130	0.034	0.1670	0	78.0	50	150				
Di-n-butyl phthalate	0.148	0.034	0.1670	0	88.9	50	150				
Fluoranthene	0.125	0.003	0.1670	0	74.6	58.7	125				
Fluorene	0.135	0.003	0.1670	0	80.8	57.8	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>LCS-54522</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125249</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54522</b>	<b>SW3550B</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348407</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Indeno(1,2,3-cd)pyrene	0.139	0.003	0.1670	0	83.5	52	147				
Naphthalene	0.126	0.003	0.1670	0	75.6	54.8	113				
Phenanthrene	0.136	0.003	0.1670	0	81.3	60.4	121				
Pyrene	0.129	0.003	0.1670	0	77.0	57.9	129				
Surr: 2-Fluorobiphenyl	0.497		0.8330		59.7	35.3	113				
Surr: 2-Fluorophenol	0.929		1.670		55.6	13.6	123				
Surr: Nitrobenzene-d5	0.506		0.8330		60.7	33.9	108				
Surr: Phenol-d5	1.09		1.670		65.1	33.7	129				
Surr: p-Terphenyl-d14	0.529		0.8330		63.5	58.4	122				

Sample ID: <b>09071112-002AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125249</b>
Client ID: <b>P1-D5-F(25)MS</b>	Batch ID: <b>54522</b>	<b>SW3550B</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348410</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.334	0.004	0.1850	0.3016	17.4	36	135				S
Acenaphthylene	0.204	0.004	0.1850	0.06312	76.3	17.2	167				
Anthracene	0.231	0.004	0.1850	0.1485	44.8	39.3	124				
Benzo(a)anthracene	0.192	0.004	0.1850	0.1014	48.9	10	183				
Benzo(a)pyrene	0.198	0.004	0.1850	0.1049	50.3	10	204				
Benzo(b)fluoranthene	0.199	0.004	0.1850	0.09616	55.6	10.6	178				
Benzo(g,h,i)perylene	0.168	0.004	0.1850	0.05561	60.5	10	168				
Benzo(k)fluoranthene	0.188	0.004	0.1850	0.03223	84.0	27.6	181				
Bis(2-ethylhexyl)phthalate	0.198	0.074	0.1850	0	107.1	50	150				
Chrysene	0.225	0.004	0.1850	0.1076	63.7	10	176				
Dibenzo(a,h)anthracene	0.150	0.004	0.1850	0.01368	73.5	12.2	156				
Fluoranthene	0.278	0.004	0.1850	0.2122	35.4	10	227				
Fluorene	0.267	0.004	0.1850	0.1743	50.3	35.2	148				
Indeno(1,2,3-cd)pyrene	0.165	0.004	0.1850	0.04382	65.3	10	164				
Naphthalene	0.607	0.004	0.1850	0.6603	-29.1	14.7	128				S
Phenanthrene	0.473	0.004	0.1850	0.5570	-45.5	32.8	143				S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>09071112-002AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125249</b>
Client ID: <b>P1-D5-F(25)MS</b>	Batch ID: <b>54522</b>	<b>SW3550B</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348410</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	0.304	0.004	0.1850	0.3001	2.3	10	180				S
Surr: 2-Fluorobiphenyl	0.589		0.9227		63.8	10	131				
Surr: Nitrobenzene-d5	0.619		0.9227		67.1	10	132				
Surr: p-Terphenyl-d14	0.603		0.9227		65.4	30.6	131				

Sample ID: <b>09071112-002AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125249</b>
Client ID: <b>P1-D5-F(25)MSD</b>	Batch ID: <b>54522</b>	<b>SW3550B</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348411</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.527	0.004	0.1818	0.3016	124.1	36	135	0.3339	44.9	49.7	
Acenaphthylene	0.220	0.004	0.1818	0.06312	86.2	17.2	167	0.2043	7.32	33.3	
Anthracene	0.333	0.004	0.1818	0.1485	101.7	39.3	124	0.2314	36.1	51.1	
Benzo(a)anthracene	0.237	0.004	0.1818	0.1014	74.4	10	183	0.1919	20.9	40.6	
Benzo(a)pyrene	0.255	0.004	0.1818	0.1049	82.5	10	204	0.1979	25.2	56.4	
Benzo(b)fluoranthene	0.234	0.004	0.1818	0.09616	76.0	10.6	178	0.1990	16.3	49.7	
Benzo(g,h,i)perylene	0.186	0.004	0.1818	0.05561	71.5	10	168	0.1676	10.2	36.5	
Benzo(k)fluoranthene	0.189	0.004	0.1818	0.03223	86.2	27.6	181	0.1875	0.786	42.6	
Bis(2-ethylhexyl)phthalate	0.160	0.073	0.1818	0	88.1	50	150	0.1982	21.1	60.3	
Chrysene	0.268	0.004	0.1818	0.1076	88.0	10	176	0.2254	17.1	45.1	
Dibenzo(a,h)anthracene	0.136	0.004	0.1818	0.01368	67.1	12.2	156	0.1497	9.78	39.9	
Fluoranthene	0.409	0.004	0.1818	0.2122	108.1	10	227	0.2776	38.2	66.2	
Fluorene	0.378	0.004	0.1818	0.1743	111.8	35.2	148	0.2674	34.2	65.6	
Indeno(1,2,3-cd)pyrene	0.173	0.004	0.1818	0.04382	71.3	10	164	0.1646	5.21	36.5	
Naphthalene	0.862	0.004	0.1818	0.6603	110.8	14.7	128	0.6066	34.8	39.6	
Phenanthrene	0.886	0.004	0.1818	0.5570	181.0	32.8	143	0.4729	60.8	35.4	SR
Pyrene	0.529	0.004	0.1818	0.3001	125.7	10	180	0.3043	53.9	60.1	
Surr: 2-Fluorobiphenyl	0.487		0.9069		53.7	10	131		0	40	
Surr: Nitrobenzene-d5	0.522		0.9069		57.5	10	132		0	40	
Surr: p-Terphenyl-d14	0.514		0.9069		56.6	30.6	131		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>MB-54521</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125252</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54521</b>	<b>SW3550B</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348427</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.0340									
Acenaphthylene	ND	0.0340									
Anthracene	ND	0.0340									
Benzo(a)anthracene	ND	0.0340									
Benzo(a)pyrene	ND	0.0340									
Benzo(b)fluoranthene	ND	0.0340									
Benzo(g,h,i)perylene	ND	0.0340									
Benzo(k)fluoranthene	ND	0.0340									
Chrysene	ND	0.0340									
Dibenzo(a,h)anthracene	ND	0.0340									
Fluoranthene	ND	0.0340									
Fluorene	ND	0.0340									
Indeno(1,2,3-cd)pyrene	ND	0.0340									
Naphthalene	ND	0.0340									
Phenanthrene	ND	0.0340									
Pyrene	ND	0.0340									
Surr: 2-Fluorobiphenyl	0.643		0.8350		77.0	46.3	106				
Surr: Nitrobenzene-d5	0.583		0.8350		69.8	42.4	99.2				
Surr: p-Terphenyl-d14	0.584		0.8350		70.0	45.5	115				

Sample ID: <b>LCS DRO-54521</b>	SampType: <b>LCS</b>	Units: <b>%REC</b>	Prep Date: <b>7/30/2009</b>	RunNo: <b>125252</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54521</b>	<b>SW3550B</b>	Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348429</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.548		0.8350		65.7	46.3	106				
Surr: Nitrobenzene-d5	0.484		0.8350		58.0	42.4	99.2				
Surr: p-Terphenyl-d14	0.552		0.8350		66.1	45.5	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: LCS-54521	SampType: LCS	Units: mg/Kg	Prep Date: 7/30/2009	RunNo: 125252							
Client ID: ZZZZZZ	Batch ID: 54521	SW3550B	Analysis Date: 7/31/2009	SeqNo: 2348561							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.18	0.0340	1.670	0	70.8	50.8	113				
Acenaphthylene	1.20	0.0340	1.670	0	71.7	52.8	121				
Anthracene	1.12	0.0340	1.670	0	66.9	53.3	115				
Benzo(a)anthracene	1.12	0.0340	1.670	0	66.9	62.3	110				
Benzo(a)pyrene	1.16	0.0340	1.670	0	69.5	58.2	109				
Benzo(b)fluoranthene	1.11	0.0340	1.670	0	66.7	51.8	107				
Benzo(g,h,i)perylene	1.05	0.0340	1.670	0	63.1	49.6	121				
Benzo(k)fluoranthene	1.29	0.0340	1.670	0	77.0	63.1	129				
Chrysene	1.21	0.0340	1.670	0	72.6	58.4	115				
Dibenzo(a,h)anthracene	1.25	0.0340	1.670	0	74.8	54.9	120				
Fluoranthene	1.27	0.0340	1.670	0	75.9	61.6	113				
Fluorene	1.22	0.0340	1.670	0	72.8	52.2	116				
Indeno(1,2,3-cd)pyrene	1.18	0.0340	1.670	0	70.4	52.7	115				
Naphthalene	1.07	0.0340	1.670	0	64.4	45.7	101				
Phenanthrene	1.15	0.0340	1.670	0	69.0	52.9	113				
Pyrene	1.19	0.0340	1.670	0	71.5	60.7	115				
Surr: 2-Fluorobiphenyl	0.597		0.8350		71.5	46.3	106				
Surr: Nitrobenzene-d5	0.584		0.8350		70.0	42.4	99.2				
Surr: p-Terphenyl-d14	0.573		0.8350		68.6	45.5	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW9012B (TCN) Solid

Lab Order: 09071112

Report Date: 31-Jul-09

Sample ID: <b>09071112-001CMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>125267</b>				
Client ID: <b>P1-D3.5-F(25)MS</b>	Batch ID: <b>R125267</b>					Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348741</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	12.2	0.56	2.790	10.18	70.9	75	125				S

Sample ID: <b>09071112-001CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>125267</b>				
Client ID: <b>P1-D3.5-F(25)MSD</b>	Batch ID: <b>R125267</b>					Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348742</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	11.4	0.56	2.790	10.18	45.5	75	125	12.16	6.02	15	S

Sample ID: <b>MB-R125267</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>125267</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R125267</b>					Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348804</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	< 0.01	0.01									

Sample ID: <b>LCS-R125267</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>125267</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R125267</b>					Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2348805</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.11	0.01	0.1000	0	106.7	90	110				



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09071112

**Report Date:** 31-Jul-09

Carrier: Pete Sazama

Received By: EAH

Completed by:

*Marvin L. Darling II*

Reviewed by:

*Heather A. White*

On:

30-Jul-09

Marvin L. Darling

On:

30-Jul-09

Heather A. White

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 0.2
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <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

090711R

COC Serial No. B 09485

Project Name: AMEREN CHAMPAIGN Project Mgr.: P. Szazana

Project Number: CA423053 Cost Code: G00000

Sampler(s): J C D Tompton

Laboratory Name: Teklab

Location: Collinsville

Sample Number and (depth)	Date	Time	Matrix			
			Soil	Water	Air	Wipes
P1-D3.5-F(25)	7-30-09	0830	X			
P1-D5-F(25)	"	0845	X			

Analyses by Method Name and Number		Total Number of Containers
VOCs 8260	SVOCs 8270	
X	X	7
X	X	6

Analyses by Method Name and Number		Total Number of Containers
PAHs 2270Sims	RCKA Metals	
X	X	7
X	X	6

Analyses by Method Name and Number		Total Number of Containers
Total Cyanide	Avenable Cyanide	
X	X	7
X	X	6

Laboratory Temperature upon Receipt: 0.2°C

1 DAY

Comments (Field PID): 090711R-001  
-002

Lab ID #'s

**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. Szazana and b. Hester

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

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

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

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

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

---

**Refrinquired by:** Signature: \_\_\_\_\_ Date/Time: 7/30/09 1519

**Received by:** Signature: \_\_\_\_\_ Date/Time: 7/30/09 1519

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

August 03, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09071208

Dear Pete Sazama:

TEKLAB, INC received 1 sample on 7/31/2009 3:40:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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,

A handwritten signature in black ink that reads 'Heather A. White'.

Heather A. White  
Project Manager  
(618)344-1004 ex 20

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09071208

**Report Date:** 03-Aug-09

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
09071208-001	P1-F3.5-F(20.5)	5	7/31/2009 7:55:00 AM

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09071208

**Report Date:** 03-Aug-09

**Cooler Receipt Temp:** 3.6 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 09071208

**Lab ID:** 09071208-001

**Report Date:** 03-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C

**Client Sample ID:** P1-F3.5-F(20.5)

**Collection Date:** 7/31/2009 7:55:00 AM

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		14.7	%	1	7/31/2009 6:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		85.3	%	1	7/31/2009 6:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		4.05	mg/Kg-dry	1	8/3/2009 2:34:51 PM	LAL
Barium	NELAP	0.50		24.5	mg/Kg-dry	1	8/3/2009 2:34:51 PM	LAL
Cadmium	NELAP	0.20		0.24	mg/Kg-dry	1	8/3/2009 2:34:51 PM	LAL
Chromium	NELAP	1.00		17.8	mg/Kg-dry	1	8/3/2009 2:34:51 PM	LAL
Lead	NELAP	4.00		13.7	mg/Kg-dry	1	8/3/2009 2:34:51 PM	LAL
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	8/3/2009 2:34:51 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	8/3/2009 2:14:26 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.387	SR	6.00	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Acenaphthylene	NELAP	0.387	S	21.1	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Anthracene	NELAP	0.387	S	15.1	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Benzo(a)anthracene	NELAP	0.387	S	10.1	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Benzo(a)pyrene	NELAP	0.387	S	11.3	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.387	S	8.40	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.387	S	4.77	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.387	S	2.79	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	7.62	S	ND	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Chrysene	NELAP	0.387	S	11.3	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.387	S	1.10	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Fluoranthene	NELAP	0.387	S	19.4	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Fluorene	NELAP	0.387	S	16.6	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.387	S	3.56	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Naphthalene	NELAP	0.387	S	136	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Phenanthrene	NELAP	0.387	S	53.9	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Pyrene	NELAP	0.387	S	30.2	mg/Kg-dry	50	8/3/2009 10:51:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		80.0	%REC	50	8/3/2009 10:51:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		66.0	%REC	50	8/3/2009 10:51:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		78.0	%REC	50	8/3/2009 10:51:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	11.6	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
1,2-Dichlorobenzene	NELAP	11.6		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
1,3-Dichlorobenzene	NELAP	11.6		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
1,4-Dichlorobenzene	NELAP	11.6	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09071208  
**Lab ID:** 09071208-001  
**Report Date:** 03-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-F3.5-F(20.5)  
**Collection Date:** 7/31/2009 7:55:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	8.12	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	8.12	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
2,4-Dichlorophenol	NELAP	11.6		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
2,4-Dimethylphenol	NELAP	11.6	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
2,4-Dinitrophenol	NELAP	23.2	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
2,4-Dinitrotoluene	NELAP	8.12	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
2,6-Dinitrotoluene	NELAP	8.12		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
2-Chloronaphthalene	NELAP	8.12		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
2-Chlorophenol	NELAP	11.6	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
2-Methoxy-4-methylphenol		15.1		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
2-Methylnaphthalene	NELAP	8.12		54.5	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
2-Nitroaniline	NELAP	23.2		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
2-Nitrophenol	NELAP	8.12		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	8.12		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
3-Nitroaniline	NELAP	23.2		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	23.2		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	8.12		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	11.6	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
4-Chloroaniline	NELAP	11.6		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	8.12		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
4-Nitroaniline	NELAP	11.6		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
4-Nitrophenol	NELAP	8.12	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Aniline	NELAP	11.6		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Azobenzene		8.12		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Benzidine	NELAP	24.5		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Benzoic acid	NELAP	34.8		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Benzyl alcohol	NELAP	11.6		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	8.12		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	11.6		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	8.12		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Butyl benzyl phthalate	NELAP	8.12		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Carbazole		11.6		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Dibenzofuran	NELAP	8.12		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Diethyl phthalate	NELAP	11.6	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Dimethyl phthalate	NELAP	8.12	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Di-n-butyl phthalate	NELAP	8.12	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Di-n-octyl phthalate	NELAP	8.12		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Hexachlorobenzene	NELAP	8.12	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09071208  
**Lab ID:** 09071208-001  
**Report Date:** 03-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-F3.5-F(20.5)  
**Collection Date:** 7/31/2009 7:55:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	11.6	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	8.12		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Hexachloroethane	NELAP	11.6	SR	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Isophorone	NELAP	8.12		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
m,p-Cresol	NELAP	11.6	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Nitrobenzene	NELAP	11.6	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
N-Nitrosodimethylamine	NELAP	11.6		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	11.6	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	11.6		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
o-Cresol	NELAP	11.6	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Pentachlorophenol	NELAP	46.4	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Phenol	NELAP	8.12	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Pyridine	NELAP	11.6	S	ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
1,2-Diphenylhydrazine		19.5		ND	mg/Kg-dry	10	8/3/2009 12:18:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		45.7	%REC	10	8/3/2009 12:18:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		82.2	%REC	10	8/3/2009 12:18:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		54.3	%REC	10	8/3/2009 12:18:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		87.8	%REC	10	8/3/2009 12:18:00 PM	DMH
Surr: Phenol-d5		34.9-110		69.5	%REC	10	8/3/2009 12:18:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		94.6	%REC	10	8/3/2009 12:18:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,1,1-Trichloroethane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,1,2-Trichloroethane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,1-Dichloro-2-propanone		62900		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,1-Dichloroethane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,1-Dichloroethene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,1-Dichloropropene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,2,3-Trichloropropane	NELAP	12600		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,2,3-Trimethylbenzene		6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	6290	J	1700	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,2-Dibromoethane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,2-Dichlorobenzene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09071208

**Client Sample ID:** P1-F3.5-F(20.5)

**Lab ID:** 09071208-001

**Collection Date:** 7/31/2009 7:55:00 AM

**Report Date:** 03-Aug-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,2-Dichloropropane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,3-Dichlorobenzene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,3-Dichloropropane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1,4-Dichlorobenzene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
1-Chlorobutane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
2,2-Dichloropropane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
2-Butanone	NELAP	62900		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
2-Chlorotoluene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
2-Hexanone	NELAP	62900		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
2-Nitropropane	NELAP	62900		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
4-Chlorotoluene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
4-Methyl-2-pentanone	NELAP	62900		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Acetone	NELAP	62900		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Acrolein	NELAP	126000		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Acrylonitrile	NELAP	12600		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Allyl chloride	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Benzene	NELAP	1260		3020	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Bromobenzene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Bromochloromethane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Bromodichloromethane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Bromoform	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Bromomethane	NELAP	12600		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Carbon disulfide	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Carbon tetrachloride	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Chlorobenzene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Chloroethane	NELAP	12600		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Chloroform	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Chloromethane	NELAP	12600		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	5030		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Cyclohexanone		126000		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Dibromochloromethane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Dibromomethane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Dichlorodifluoromethane	NELAP	12600		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Ethyl acetate	NELAP	62900		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Ethyl ether	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09071208  
**Lab ID:** 09071208-001  
**Report Date:** 03-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-F3.5-F(20.5)  
**Collection Date:** 7/31/2009 7:55:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Ethylbenzene	NELAP	6290	J	1300	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Heptane		25200		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Hexachlorobutadiene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Hexachloroethane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Iodomethane	NELAP	12600		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Isopropylbenzene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
m,p-Xylenes	NELAP	6290	J	4100	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Methacrylonitrile	NELAP	62900		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Methyl Methacrylate	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Methyl tert-butyl ether	NELAP	2520		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Methylacrylate		12600		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Methylene chloride	NELAP	6290	J	1300	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Naphthalene	NELAP	12600		28600	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
n-Butylbenzene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
n-Hexane		25200		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Nitrobenzene	NELAP	126000		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
n-Propylbenzene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
o-Xylene	NELAP	6290	J	2400	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Pentachloroethane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
p-Isopropyltoluene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Propionitrile	NELAP	62900		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
sec-Butylbenzene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Styrene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
tert-Butylbenzene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Tetrachloroethene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Tetrahydrofuran	NELAP	62900		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Toluene	NELAP	6290	J	3900	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	5030		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Trichloroethene	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Trichlorofluoromethane	NELAP	6290		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Vinyl acetate	NELAP	62900		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Vinyl chloride	NELAP	2520		ND	µg/Kg-dry	500	8/3/2009 12:42:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		97.0	%REC	500	8/3/2009 12:42:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		98.2	%REC	500	8/3/2009 12:42:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		100.1	%REC	500	8/3/2009 12:42:00 PM	RWE
Surr: Toluene-d8		80.1-122		102.7	%REC	500	8/3/2009 12:42:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09071208  
**Lab ID:** 09071208-001  
**Report Date:** 03-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-F3.5-F(20.5)  
**Collection Date:** 7/31/2009 7:55:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		<b>0.019</b>	mg/Kg-dry	1	8/3/2009	JMW
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.586		<b>1.67</b>	mg/Kg-dry	1	8/3/2009 9:24:25 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	Cyanide	2.34	SR	<b>15.3</b>	mg/Kg-dry	4	8/3/2009 9:24:25 AM	RCE

### Sample Narrative

SW-846 9012A (Total)

RPD was outside of QC limit due to sample composition.

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

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

RPD was outside of QC limit due to sample composition.

Matrix spike was diluted out.

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

Benzo(a)anthracene outside upper QC limits in MBLK. Sample results are 10 times greater than the level of contamination - data is reportable.

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09071208

**Report Date:** 03-Aug-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09071208-001A	P1-F3.5-F(20.5)	7/31/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/31/2009 7:04:20 PM	8/3/2009 10:51:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/31/2009 6:54:10 PM	7/31/2009
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	8/3/2009 8:46:44 AM	8/3/2009 12:18:00 PM
09071208-001B				ASTM D2974		7/31/2009 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/31/2009 6:00:00 PM
				SW-846 3050B, 6010B, Metals by ICP	8/3/2009 8:45:01 AM	8/3/2009 2:34:51 PM
				SW-846 3050B, Metals by GFAA	8/3/2009 8:41:27 AM	8/3/2009 2:14:26 PM
				SW-846 3050B, Metals by GFAA	8/3/2009 8:41:27 AM	8/3/2009 2:24:32 PM
				SW-846 7471A	8/3/2009 7:30:32 AM	8/3/2009
				SW-846 9012A		8/3/2009 9:24:25 AM
				SW-846 9012A (Total)		8/3/2009 9:24:25 AM
09071208-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	8/3/2009 9:00:00 AM	8/3/2009 12:42:00 PM

**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- 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.
- 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. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- 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. (NELAC) The acceptable recovery range is listed in this report.
- LCS D** 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 this report.
- 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 this report.
- 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 this report.
- MDL** Method detection limit or limit of detection (LOD) 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.
- MB/LCB** Method blank or lab control 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 are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) 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 this report.
- 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 this report.
- 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. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

**Qualifiers**

<b>DF</b> - Dilution Factor	<b>B</b> - Analyte detected in the associated Method Blank	<b>C</b> - Client requested RL below PQL	<b>MI</b> - Matrix interference
<b>RL</b> - Reporting Limit	<b>J</b> - Analyte detected below reporting limits	<b>D</b> - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	<b>R</b> - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	<b>S</b> - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count ( > 200 CFU )	<b>X</b> - Value exceeds Maximum Contaminant Level	<b>#</b> - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09071208

Report Date: 03-Aug-09

## ANALYTICAL QC SUMMARY REPORT

Test Number: M2540 G

Sample ID: <b>LCS-R125279</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>125279</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R125279</b>		Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2349241</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 99.0 90 110

Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>125279</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R125279</b>		Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2349242</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Sample ID: <b>09071208-001BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>125279</b>							
Client ID: <b>P1-F3.5-F(20.5)DUP</b>	Batch ID: <b>R125279</b>		Analysis Date: <b>7/31/2009</b>	SeqNo: <b>2349304</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 86.9 0.1 85.31 1.87 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW6010B**

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>MB-54580</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125292</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54580</b>	<b>SOP 3032</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349955</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Barium	< 0.50	0.50	0.5000	0	0	-100	100				
Cadmium	< 0.20	0.20	0.2000	0	0	-100	100				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Sample ID: <b>LCS-54580</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125292</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54580</b>	<b>SOP 3032</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349956</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	208	2.50	200.0	0	103.8	85	115				
Barium	205	0.50	200.0	0	102.4	85	115				
Cadmium	5.22	0.20	5.000	0	104.4	85	115				
Chromium	20.4	1.00	20.00	0	102.2	85	115				
Lead	53.3	4.00	50.00	0	106.6	85	115				
Silver	4.98	0.55	5.000	0	99.6	85	115				

Sample ID: <b>09071208-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125292</b>
Client ID: <b>P1-F3.5-F(20.5)MS</b>	Batch ID: <b>54580</b>	<b>SOP 3032</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349959</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	196	2.50	200.0	4.050	95.9	75	125				
Barium	195	0.50	200.0	24.50	85.4	75	125				
Cadmium	4.50	0.20	5.000	0.2400	85.2	75	125				
Chromium	35.9	1.00	20.00	17.75	90.9	75	125				
Lead	58.4	4.00	50.00	13.70	89.4	75	125				
Silver	4.06	0.55	5.000	0	81.2	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW6010B

Lab Order: 09071208

Report Date: 03-Aug-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	199	2.50	200.0	4.050	97.5	75	125	195.8	1.62	20	
Barium	198	0.50	200.0	24.50	86.8	75	125	195.3	1.37	20	
Cadmium	4.60	0.20	5.000	0.2400	87.2	75	125	4.500	2.20	20	
Chromium	37.0	1.00	20.00	17.75	96.0	75	125	35.92	2.85	20	
Lead	59.6	4.00	50.00	13.70	91.8	75	125	58.38	2.05	20	
Silver	4.03	0.55	5.000	0	80.6	75	125	4.060	0.742	20	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW7000 G

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>LCS-54578</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125311</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54578</b>	<b>SOP 3042</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349971</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	3.07	0.600	3.000	0	102.4	80	120			
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Sample ID: <b>09071208-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125311</b>							
Client ID: <b>P1-F3.5-F(20.5)MSD</b>	Batch ID: <b>54578</b>	<b>SOP 3042</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349977</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.31	1.20	3.000	0	77.0	70	130	2.129	8.12	20
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Sample ID: <b>MB-54578</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125311</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54578</b>	<b>SOP 3042</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349978</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	< 0.600	0.600	0.6000	0	0	-100	100			
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Sample ID: <b>09071208-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125311</b>							
Client ID: <b>P1-F3.5-F(20.5)MS</b>	Batch ID: <b>54578</b>	<b>SOP 3042</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349983</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.13	1.20	3.000	0	71.0	70	130			
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW7471 A

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>MB-54577</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125285</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54577</b>	<b>SOP 3063</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349398</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury < 0.010 0.010 0.01000 0 0 -100 100

Sample ID: <b>LCS-54577</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125285</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54577</b>	<b>SOP 3063</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349399</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.219 0.010 0.2500 0 87.6 85 115

Sample ID: <b>09071208-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125285</b>							
Client ID: <b>P1-F3.5-F(20.5)MS</b>	Batch ID: <b>54577</b>	<b>SOP 3063</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349401</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.326 0.012 0.2930 0.01934 104.8 75 125

Sample ID: <b>09071208-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125285</b>							
Client ID: <b>P1-F3.5-F(20.5)MSD</b>	Batch ID: <b>54577</b>	<b>SOP 3063</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349402</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.339 0.012 0.2930 0.01934 109.2 75 125 0.3265 3.87 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: LCS-A090803-1	SampType: LCS	Units: µg/Kg				Prep Date: 8/3/2009	RunNo: 125309				
Client ID: ZZZZZZ	Batch ID: 54591	SW5035				Analysis Date: 8/3/2009	SeqNo: 2349910				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	50.0	5.00	50.00	0	100	77.5	121				
1,1-Dichloroethene	54.9	5.00	50.00	0	109.8	52	133				
1,2-Dibromoethane	51.2	5.00	50.00	0	102.5	85.2	119				
1,2-Dichlorobenzene	50.9	5.00	50.00	0	101.8	84.2	122				
1,2-Dichloroethane	45.2	5.00	50.00	0	90.3	71.1	125				
1,3-Dichlorobenzene	52.8	5.00	50.00	0	105.6	83.3	125				
1,4-Dichlorobenzene	51.2	5.00	50.00	0	102.4	81.9	128				
2-Butanone	82.8	50.0	100.0	0	82.8	39.1	105				
Benzene	45.0	1.00	50.00	0	90.0	77.9	123				
Bromodichloromethane	51.2	5.00	50.00	0	102.3	87.9	119				
Carbon tetrachloride	50.4	5.00	50.00	0	100.8	77.5	128				
Chlorobenzene	49.9	5.00	50.00	0	99.7	87.8	120				
Chloroform	47.1	5.00	50.00	0	94.2	81.5	119				
Dibromochloromethane	49.9	5.00	50.00	0	99.8	88.6	119				
Ethylbenzene	49.9	5.00	50.00	0	99.8	80.9	119				
m,p-Xylenes	48.3	5.00	50.00	0	96.7	77.6	120				
Methyl tert-butyl ether	50.4	2.00	50.00	0	100.7	69.8	121				
Methylene chloride	44.8	5.00	50.00	0	89.6	71.5	124				
Naphthalene	51.8	10.0	50.00	0	103.5	75.7	123				
o-Xylene	48.2	5.00	50.00	0	96.4	82.4	124				
Tetrachloroethene	47.9	5.00	50.00	0	95.8	74.2	113				
Toluene	47.4	5.00	50.00	0	94.7	80.2	115				
Trichloroethene	47.1	5.00	50.00	0	94.3	83.3	118				
Surr: 1,2-Dichloroethane-d4	50.2		50.00		100.3	61	128				
Surr: 4-Bromofluorobenzene	50.4		50.00		100.8	78.2	117				
Surr: Dibromofluoromethane	50.5		50.00		101.0	66.6	130				
Surr: Toluene-d8	50.3		50.00		100.6	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>LCSD-A090803-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>8/3/2009</b>	RunNo: <b>125309</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54591</b>	<b>SW5035</b>				Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349911</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	54.2	5.00	50.00	0	108.3	77.5	121	49.99	7.99	20	
1,1-Dichloroethene	58.1	5.00	50.00	0	116.2	52	133	54.90	5.68	20	
1,2-Dibromoethane	52.8	5.00	50.00	0	105.5	85.2	119	51.25	2.92	20	
1,2-Dichlorobenzene	55.2	5.00	50.00	0	110.4	84.2	122	50.88	8.11	20	
1,2-Dichloroethane	48.5	5.00	50.00	0	97.0	71.1	125	45.17	7.07	20	
1,3-Dichlorobenzene	57.2	5.00	50.00	0	114.5	83.3	125	52.80	8.09	20	
1,4-Dichlorobenzene	56.0	5.00	50.00	0	112.0	81.9	128	51.21	8.92	20	
2-Butanone	81.8	50.0	100.0	0	81.8	39.1	105	82.80	1.24	20	
Benzene	48.4	1.00	50.00	0	96.9	77.9	123	44.98	7.41	20	
Bromodichloromethane	55.2	5.00	50.00	0	110.4	87.9	119	51.17	7.54	20	
Carbon tetrachloride	54.0	5.00	50.00	0	108.1	77.5	128	50.40	6.95	20	
Chlorobenzene	53.2	5.00	50.00	0	106.5	87.8	120	49.87	6.54	20	
Chloroform	50.4	5.00	50.00	0	100.9	81.5	119	47.09	6.89	20	
Dibromochloromethane	53.0	5.00	50.00	0	106.0	88.6	119	49.91	6.01	20	
Ethylbenzene	54.6	5.00	50.00	0	109.3	80.9	119	49.90	9.05	20	
m,p-Xylenes	51.4	5.00	50.00	0	102.7	77.6	120	48.34	6.04	20	
Methyl tert-butyl ether	52.0	2.00	50.00	0	104.1	69.8	121	50.36	3.30	20	
Methylene chloride	47.9	5.00	50.00	0	95.9	71.5	124	44.80	6.75	20	
Naphthalene	52.7	10.0	50.00	0	105.4	75.7	123	51.77	1.74	20	
o-Xylene	52.0	5.00	50.00	0	103.9	82.4	124	48.22	7.49	20	
Tetrachloroethene	51.6	5.00	50.00	0	103.1	74.2	113	47.92	7.34	20	
Toluene	50.9	5.00	50.00	0	101.9	80.2	115	47.36	7.28	20	
Trichloroethene	49.8	5.00	50.00	0	99.5	83.3	118	47.13	5.43	20	
Surr: 1,2-Dichloroethane-d4	48.7		50.00		97.5	61	128		0	0	
Surr: 4-Bromofluorobenzene	49.3		50.00		98.5	78.2	117		0	0	
Surr: Dibromofluoromethane	49.5		50.00		99.1	66.6	130		0	0	
Surr: Toluene-d8	50.1		50.00		100.2	80.1	122		0	0	

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>LCSG-A090803-1</b>	SampType: <b>LCSG</b>	Units: <b>%REC</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125309</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54591</b>	<b>SW5035</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349912</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	47.5		50.00		95.1	61	128				
Surr: 4-Bromofluorobenzene	48.8		50.00		97.6	78.2	117				
Surr: Dibromofluoromethane	47.7		50.00		95.4	66.6	130				
Surr: Toluene-d8	49.0		50.00		98.1	80.1	122				

Sample ID: <b>LCSGD-A090803-1</b>	SampType: <b>LCSGD</b>	Units: <b>%REC</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125309</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54591</b>	<b>SW5035</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349913</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	47.4		50.00		94.8	61	128		0	0	
Surr: 4-Bromofluorobenzene	49.0		50.00		98.1	78.2	117		0	0	
Surr: Dibromofluoromethane	47.6		50.00		95.1	66.6	130		0	0	
Surr: Toluene-d8	50.2		50.00		100.4	80.1	122		0	0	

Sample ID: <b>MBLK-A090803-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125309</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54591</b>	<b>SW5035</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349914</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.00									
1,1,1-Trichloroethane	ND	5.00									
1,1,2,2-Tetrachloroethane	ND	5.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.00									
1,1,2-Trichloroethane	ND	5.00									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.00									
1,1-Dichloroethene	ND	5.00									
1,1-Dichloropropene	ND	5.00									
1,2,3-Trichlorobenzene	ND	5.00									
1,2,3-Trichloropropane	ND	10.0									
1,2,3-Trimethylbenzene	ND	5.00									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>MBLK-A090803-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125309</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54591</b>	<b>SW5035</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349914</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	5.00									
1,2,4-Trimethylbenzene	ND	5.00									
1,2-Dibromo-3-chloropropane	ND	5.00									
1,2-Dibromoethane	ND	5.00									
1,2-Dichlorobenzene	ND	5.00									
1,2-Dichloroethane	ND	5.00									
1,2-Dichloropropane	ND	5.00									
1,3,5-Trimethylbenzene	ND	5.00									
1,3-Dichlorobenzene	ND	5.00									
1,3-Dichloropropane	ND	5.00									
1,4-Dichlorobenzene	ND	5.00									
1-Chlorobutane	ND	5.00									
2,2-Dichloropropane	ND	5.00									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.00									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.00									
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10.0									
Allyl chloride	ND	5.00									
Benzene	ND	1.00									
Bromobenzene	ND	5.00									
Bromochloromethane	ND	5.00									
Bromodichloromethane	ND	5.00									
Bromoform	ND	5.00									
Bromomethane	ND	10.0									
Carbon disulfide	ND	5.00									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>MBLK-A090803-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125309</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54591</b>	<b>SW5035</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349914</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	ND	5.00									
Chlorobenzene	ND	5.00									
Chloroethane	ND	10.0									
Chloroform	ND	5.00									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	5.00									
cis-1,3-Dichloropropene	ND	4.00									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.00									
Dibromomethane	ND	5.00									
Dichlorodifluoromethane	ND	10.0									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.00									
Ethyl methacrylate	ND	5.00									
Ethylbenzene	ND	5.00									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.00									
Hexachloroethane	ND	5.00									
Iodomethane	ND	10.0									
Isopropylbenzene	ND	5.00									
m,p-Xylenes	ND	5.00									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.00									
Methyl tert-butyl ether	ND	2.00									
Methylacrylate	ND	10.0									
Methylene chloride	1.6	5.00									J
Naphthalene	ND	10.0									
n-Butylbenzene	ND	5.00									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09071208

Report Date: 03-Aug-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	ND	5.00									
o-Xylene	ND	5.00									
Pentachloroethane	ND	5.00									
p-Isopropyltoluene	ND	5.00									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.00									
Styrene	ND	5.00									
tert-Butylbenzene	ND	5.00									
Tetrachloroethene	ND	5.00									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.00									
trans-1,2-Dichloroethene	ND	5.00									
trans-1,3-Dichloropropene	ND	4.00									
Trichloroethene	ND	5.00									
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.00									
Surr: 1,2-Dichloroethane-d4	48.2		50.00		96.3	61	128				
Surr: 4-Bromofluorobenzene	48.1		50.00		96.3	78.2	117				
Surr: Dibromofluoromethane	49.5		50.00		99.1	66.6	130				
Surr: Toluene-d8	50.6		50.00		101.2	80.1	122				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>MB-54581</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125297</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54581</b>	<b>SW3550B</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349648</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: MB-54581	SampType: MBLK	Units: mg/Kg	Prep Date: 8/3/2009	RunNo: 125297							
Client ID: ZZZZZZ	Batch ID: 54581	SW3550B	Analysis Date: 8/3/2009	SeqNo: 2349648							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>MB-54581</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125297</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54581</b>	<b>SW3550B</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349648</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.64		1.670		98.0	52.1	113				
Surr: 2-Fluorobiphenyl	0.676		0.8350		81.0	46.3	106				
Surr: 2-Fluorophenol	1.38		1.670		82.8	50.6	89				
Surr: Nitrobenzene-d5	0.697		0.8350		83.5	42.4	99.2				
Surr: Phenol-d5	1.43		1.670		85.7	55.9	98.5				
Surr: p-Terphenyl-d14	0.920		0.8350		110.2	45.5	115				

Sample ID: <b>LCS-54581</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/3/2009</b>	RunNo: <b>125297</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54581</b>	<b>SW3550B</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349649</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.04	0.500	1.670	0	62.4	43.9	92.2				
1,4-Dichlorobenzene	0.856	0.500	1.670	0	51.2	43.8	84.1				
2,4,5-Trichlorophenol	2.78	0.350	3.330	0	83.5	38.6	123				
2,4,6-Trichlorophenol	2.61	0.350	3.330	0	78.5	35.9	123				
2,4-Dimethylphenol	2.67	0.500	3.330	0	80.3	38.3	88				
2,4-Dinitrophenol	2.92	1.00	3.330	0	87.6	1.88	162				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: LCS-54581	SampType: LCS	Units: mg/Kg				Prep Date: 8/3/2009	RunNo: 125297				
Client ID: ZZZZZZ	Batch ID: 54581	SW3550B				Analysis Date: 8/3/2009	SeqNo: 2349649				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.25	0.350	1.670	0	75.0	48.6	102				
2-Chlorophenol	2.48	0.500	3.330	0	74.6	46.6	84				
4-Chloro-3-methylphenol	2.85	0.500	3.330	0	85.5	51.5	94.9				
4-Nitrophenol	3.43	0.350	3.330	0	102.9	53.2	104				
Acenaphthene	1.18	0.350	1.670	0	70.8	50.8	113				
Acenaphthylene	1.66	0.350	1.670	0	99.7	52.8	121				
Anthracene	1.17	0.350	1.670	0	69.8	53.3	115				
Benzo(a)anthracene	1.07	0.350	1.670	0	63.9	62.3	110				
Benzo(a)pyrene	1.30	0.350	1.670	0	77.6	58.2	109				
Benzo(b)fluoranthene	1.08	0.350	1.670	0	64.6	51.8	107				
Benzo(g,h,i)perylene	1.22	0.350	1.670	0	72.9	49.6	121				
Benzo(k)fluoranthene	1.35	0.350	1.670	0	80.5	63.1	129				
Bis(2-ethylhexyl)phthalate	1.46	0.350	1.670	0	87.3	56.3	109				
Chrysene	1.50	0.350	1.670	0	90.1	58.4	115				
Dibenzo(a,h)anthracene	1.24	0.350	1.670	0	74.2	54.9	120				
Diethyl phthalate	2.76	0.500	3.330	0	83.0	51.7	106				
Dimethyl phthalate	2.40	0.350	3.330	0	72.2	58.8	104				
Di-n-butyl phthalate	1.53	0.350	1.670	0	91.6	54.3	105				
Fluoranthene	1.32	0.350	1.670	0	79.2	61.6	113				
Fluorene	1.21	0.350	1.670	0	72.3	52.2	116				
Hexachlorobenzene	2.88	0.350	3.330	0	86.5	55.9	106				
Hexachlorobutadiene	1.96	0.500	3.330	0	59.0	35.7	100				
Hexachloroethane	1.95	0.500	3.330	0	58.6	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.26	0.350	1.670	0	75.5	52.7	115				
m,p-Cresol	1.28	0.500	1.670	0	76.9	37.6	93.7				
Naphthalene	1.04	0.350	1.670	0	62.4	45.7	101				
Nitrobenzene	2.03	0.500	3.330	0	61.1	51.8	104				
N-Nitroso-di-n-propylamine	1.12	0.500	1.670	0	67.3	49.1	94.5				
o-Cresol	1.30	0.500	1.670	0	78.1	43	101				
Pentachlorophenol	2.87	2.00	3.330	0	86.2	42.2	102				

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>LCS-54581</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/3/2009</b>		RunNo: <b>125297</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>54581</b>		<b>SW3550B</b>		Analysis Date: <b>8/3/2009</b>		SeqNo: <b>2349649</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.25	0.350	1.670	0	74.9	52.9	113				
Phenol	2.44	0.350	3.330	0	73.2	41.6	81.3				
Pyrene	1.35	0.500	1.670	0	81.0	60.7	115				
Pyridine	1.48	0.500	3.330	0	44.5	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.57		1.670		93.8	52.1	113				
Surr: 2-Fluorobiphenyl	0.649		0.8350		77.7	46.3	106				
Surr: 2-Fluorophenol	1.21		1.670		72.7	50.6	89				
Surr: Nitrobenzene-d5	0.643		0.8350		77.0	42.4	99.2				
Surr: Phenol-d5	1.25		1.670		74.6	55.9	98.5				
Surr: p-Terphenyl-d14	0.758		0.8350		90.8	45.5	115				

Sample ID: <b>09071208-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/3/2009</b>		RunNo: <b>125297</b>			
Client ID: <b>P1-F3.5-F(20.5)MS</b>		Batch ID: <b>54581</b>		<b>SW3550B</b>		Analysis Date: <b>8/3/2009</b>		SeqNo: <b>2349813</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	11.6	3.887	0	0	35.9	102				S
1,4-Dichlorobenzene	ND	11.6	3.887	0	0	29.8	95.5				S
2,4,5-Trichlorophenol	5.5	8.15	7.750	0	71.3	38.6	123				J
2,4,6-Trichlorophenol	5.2	8.15	7.750	0	66.5	35.9	123				J
2,4-Dimethylphenol	6.7	11.6	7.750	0	86.9	38.3	88				J
2,4-Dinitrophenol	ND	23.3	7.750	0	0	1.88	162				S
2,4-Dinitrotoluene	4.4	8.15	3.887	0	111.8	37.5	107				JS
2-Chlorophenol	5.8	11.6	7.750	0	74.7	22.6	108				J
4-Chloro-3-methylphenol	6.6	11.6	7.750	0	84.6	19.3	131				J
4-Nitrophenol	3.1	8.15	7.750	0	39.8	27.6	123				J
Diethyl phthalate	7.3	11.6	7.750	0	94.2	51.7	106				J
Dimethyl phthalate	6.5	8.15	7.750	0	84.1	58.8	104				J
Di-n-butyl phthalate	4.1	8.15	3.887	0	105.1	54.3	105				JS
Hexachlorobenzene	7.2	8.15	7.750	0	93.0	55.9	106				J
Hexachlorobutadiene	5.5	11.6	7.750	0	70.7	35.7	100				J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>09071208-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/3/2009</b>		RunNo: <b>125297</b>			
Client ID: <b>P1-F3.5-F(20.5)MS</b>		Batch ID: <b>54581</b>		<b>SW3550B</b>		Analysis Date: <b>8/3/2009</b>		SeqNo: <b>2349813</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	9.3	11.6	7.750	0	119.8	38.9	89.9				JS
m,p-Cresol	3.1	11.6	3.887	0	79.9	37.6	93.7				J
Nitrobenzene	5.7	11.6	7.750	0	73.5	51.8	104				J
N-Nitroso-di-n-propylamine	3.2	11.6	3.887	0	82.5	45.5	99.1				J
o-Cresol	3.4	11.6	3.887	0	86.7	43	101				J
Pentachlorophenol	ND	46.5	7.750	0	0	18.5	113				S
Phenol	5.9	8.15	7.750	0	75.9	20.8	110				J
Pyridine	4.4	11.6	7.750	0	56.4	3.61	74.3				J
Surr: 2,4,6-Tribromophenol	2.30		3.887		59.1	32.7	130				
Surr: 2-Fluorobiphenyl	1.32		1.943		67.9	34.1	116				
Surr: 2-Fluorophenol	2.16		3.887		55.7	30.5	99				
Surr: Nitrobenzene-d5	1.25		1.943		64.3	34.1	101				
Surr: Phenol-d5	2.76		3.887		71.1	34.9	110				
Surr: p-Terphenyl-d14	1.62		1.943		83.4	41.7	124				

Sample ID: <b>09071208-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/3/2009</b>		RunNo: <b>125297</b>			
Client ID: <b>P1-F3.5-F(20.5)MSD</b>		Batch ID: <b>54581</b>		<b>SW3550B</b>		Analysis Date: <b>8/3/2009</b>		SeqNo: <b>2349814</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3.3	11.6	3.889	0	84.8	35.9	102	0	0	40	J
1,4-Dichlorobenzene	ND	11.6	3.889	0	0	29.8	95.5	0	0	40	S
2,4,5-Trichlorophenol	6.3	8.15	7.755	0	81.0	38.6	123	5.523	0	40	J
2,4,6-Trichlorophenol	5.8	8.15	7.755	0	74.9	35.9	123	5.157	0	40	J
2,4-Dimethylphenol	7.5	11.6	7.755	0	96.2	38.3	88	6.735	0	40	JS
2,4-Dinitrophenol	ND	23.3	7.755	0	0	1.88	162	0	0	40	S
2,4-Dinitrotoluene	7.6	8.15	3.889	0	196.6	37.5	107	4.345	0	40	JS
2-Chlorophenol	5.9	11.6	7.755	0	75.7	22.6	108	5.793	0	40	J
4-Chloro-3-methylphenol	6.7	11.6	7.755	0	86.8	19.3	131	6.554	0	40	J
4-Nitrophenol	4.5	8.15	7.755	0	58.1	27.6	123	3.087	0	40	J
Diethyl phthalate	7.4	11.6	7.755	0	95.2	51.7	106	7.303	0	40	J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>09071208-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/3/2009</b>		RunNo: <b>125297</b>			
Client ID: <b>P1-F3.5-F(20.5)MSD</b>		Batch ID: <b>54581</b>		<b>SW3550B</b>		Analysis Date: <b>8/3/2009</b>		SeqNo: <b>2349814</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethyl phthalate	7.7	8.15	7.755	0	99.5	58.8	104	6.519	0	40	J
Di-n-butyl phthalate	4.2	8.15	3.889	0	109.1	54.3	105	4.086	0	40	JS
Hexachlorobenzene	7.2	8.15	7.755	0	92.5	55.9	106	7.207	0	40	J
Hexachlorobutadiene	6.0	11.6	7.755	0	76.9	35.7	100	5.482	0	40	J
Hexachloroethane	14.9	11.6	7.755	0	191.5	38.9	89.9	9.284	46.1	40	SR
m,p-Cresol	3.3	11.6	3.889	0	86.0	37.6	93.7	3.104	0	40	J
Nitrobenzene	8.3	11.6	7.755	0	107.0	51.8	104	5.699	0	40	JS
N-Nitroso-di-n-propylamine	3.3	11.6	3.889	0	84.7	45.5	99.1	3.208	0	40	J
o-Cresol	3.5	11.6	3.889	0	90.0	43	101	3.372	0	40	J
Pentachlorophenol	ND	46.6	7.755	0	0	18.5	113	0	0	40	S
Phenol	6.3	8.15	7.755	0	80.7	20.8	110	5.882	0	40	J
Pyridine	5.6	11.6	7.755	0	72.0	3.61	74.3	4.373	0	40	J
Surr: 2,4,6-Tribromophenol	2.86		3.889		73.7	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	1.71		1.945		87.8	34.1	116		0	40	
Surr: 2-Fluorophenol	2.69		3.889		69.3	30.5	99		0	40	
Surr: Nitrobenzene-d5	1.74		1.945		89.4	34.1	101		0	40	
Surr: Phenol-d5	3.04		3.889		78.0	34.9	110		0	40	
Surr: p-Terphenyl-d14	1.76		1.945		90.6	41.7	124		0	40	

Sample ID: <b>MB-54564</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/31/2009</b>		RunNo: <b>125297</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>54564</b>		<b>SW3550B</b>		Analysis Date: <b>8/3/2009</b>		SeqNo: <b>2350009</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: MB-54564	SampType: MBLK	Units: mg/Kg	Prep Date: 7/31/2009	RunNo: 125297							
Client ID: ZZZZZZ	Batch ID: 54564	SW3550B	Analysis Date: 8/3/2009	SeqNo: 2350009							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>MB-54564</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/31/2009</b>	RunNo: <b>125297</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54564</b>	<b>SW3550B</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2350009</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>MB-54564</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/31/2009</b>	RunNo: <b>125297</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54564</b>	<b>SW3550B</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2350009</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.39		1.670		83.4	52.1	113				
Surr: 2-Fluorobiphenyl	0.596		0.8350		71.4	46.3	106				
Surr: 2-Fluorophenol	1.18		1.670		70.4	50.6	89				
Surr: Nitrobenzene-d5	0.614		0.8350		73.5	42.4	99.2				
Surr: Phenol-d5	1.23		1.670		73.5	55.9	98.5				
Surr: p-Terphenyl-d14	0.693		0.8350		83.0	45.5	115				

Sample ID: <b>LCS-54564</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/31/2009</b>	RunNo: <b>125297</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54564</b>	<b>SW3550B</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2350010</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	0.745	0.500	1.670	0	44.6	43.9	92.2				
1,4-Dichlorobenzene	0.47	0.500	1.670	0	28.1	43.8	84.1				JS
2,4,5-Trichlorophenol	2.22	0.350	3.330	0	66.7	38.6	123				
2,4,6-Trichlorophenol	2.17	0.350	3.330	0	65.3	35.9	123				
2,4-Dimethylphenol	1.84	0.500	3.330	0	55.2	38.3	88				
2,4-Dinitrophenol	2.15	1.00	3.330	0	64.6	1.88	162				
2,4-Dinitrotoluene	1.38	0.350	1.670	0	82.9	48.6	102				
2-Chlorophenol	1.68	0.500	3.330	0	50.6	46.6	84				
4-Chloro-3-methylphenol	2.23	0.500	3.330	0	66.9	51.5	94.9				
4-Nitrophenol	2.74	0.350	3.330	0	82.3	53.2	104				
Acenaphthene	1.10	0.350	1.670	0	66.1	50.8	113				
Acenaphthylene	1.60	0.350	1.670	0	95.7	52.8	121				
Anthracene	1.26	0.350	1.670	0	75.2	53.3	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>LCS-54564</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>7/31/2009</b>	RunNo: <b>125297</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54564</b>	<b>SW3550B</b>				Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2350010</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(a)anthracene	1.18	0.350	1.670	0	71.0	62.3	110				
Benzo(a)pyrene	1.42	0.350	1.670	0	85.0	58.2	109				
Benzo(b)fluoranthene	1.33	0.350	1.670	0	79.6	51.8	107				
Benzo(g,h,i)perylene	0.956	0.350	1.670	0	57.2	49.6	121				
Benzo(k)fluoranthene	1.53	0.350	1.670	0	91.5	63.1	129				
Bis(2-ethylhexyl)phthalate	1.44	0.350	1.670	0	86.3	56.3	109				
Chrysene	1.70	0.350	1.670	0	101.5	58.4	115				
Dibenzo(a,h)anthracene	1.19	0.350	1.670	0	71.5	54.9	120				
Diethyl phthalate	2.59	0.500	3.330	0	77.7	51.7	106				
Dimethyl phthalate	2.51	0.350	3.330	0	75.4	58.8	104				
Di-n-butyl phthalate	1.52	0.350	1.670	0	91.1	54.3	105				
Fluoranthene	1.36	0.350	1.670	0	81.5	61.6	113				
Fluorene	1.16	0.350	1.670	0	69.7	52.2	116				
Hexachlorobenzene	2.61	0.350	3.330	0	78.3	55.9	106				
Hexachlorobutadiene	1.30	0.500	3.330	0	39.1	35.7	100				
Hexachloroethane	0.995	0.500	3.330	0	29.9	38.9	89.9				S
Indeno(1,2,3-cd)pyrene	1.15	0.350	1.670	0	69.0	52.7	115				
m,p-Cresol	0.929	0.500	1.670	0	55.6	37.6	93.7				
Naphthalene	0.772	0.350	1.670	0	46.2	45.7	101				
Nitrobenzene	1.46	0.500	3.330	0	43.9	51.8	104				S
N-Nitroso-di-n-propylamine	0.865	0.500	1.670	0	51.8	49.1	94.5				
o-Cresol	0.963	0.500	1.670	0	57.6	43	101				
Pentachlorophenol	2.22	2.00	3.330	0	66.8	42.2	102				
Phenanthrene	1.31	0.350	1.670	0	78.2	52.9	113				
Phenol	1.70	0.350	3.330	0	51.2	41.6	81.3				
Pyrene	1.49	0.500	1.670	0	89.5	60.7	115				
Pyridine	0.50	0.500	3.330	0	14.9	3.61	74.3				J
Surr: 2,4,6-Tribromophenol	1.29		1.670		77.5	52.1	113				
Surr: 2-Fluorobiphenyl	0.487		0.8350		58.4	46.3	106				
Surr: 2-Fluorophenol	0.856		1.670		51.3	50.6	89				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>LCS-54564</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/31/2009</b>	RunNo: <b>125297</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54564</b>	<b>SW3550B</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2350010</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	0.448		0.8350		53.6	42.4	99.2				
Surr: Phenol-d5	0.949		1.670		56.8	55.9	98.5				
Surr: p-Terphenyl-d14	0.671		0.8350		80.4	45.5	115				

Sample ID: <b>LCS-54571</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/31/2009</b>	RunNo: <b>125295</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54571</b>	<b>SW3550B</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349640</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.165	0.003	0.1670	0	98.9	56.3	115				
Acenaphthylene	0.167	0.003	0.1670	0	100.2	60.3	143				
Anthracene	0.152	0.003	0.1670	0	91.1	52.1	109				
Benzo(a)anthracene	0.148	0.003	0.1670	0	88.8	52.8	112				B
Benzo(a)pyrene	0.165	0.003	0.1670	0	98.6	40.8	127				
Benzo(b)fluoranthene	0.174	0.003	0.1670	0	104.0	50.1	150				
Benzo(g,h,i)perylene	0.161	0.003	0.1670	0	96.4	52.8	145				
Benzo(k)fluoranthene	0.184	0.003	0.1670	0	110.1	52	153				
Bis(2-ethylhexyl)phthalate	0.205	0.067	0.1670	0	122.6	50	150				
Chrysene	0.177	0.003	0.1670	0	106.0	60.8	128				
Dibenzo(a,h)anthracene	0.163	0.003	0.1670	0	97.7	54.9	150				
Fluoranthene	0.150	0.003	0.1670	0	89.7	58.7	125				
Fluorene	0.175	0.003	0.1670	0	105.1	57.8	125				
Indeno(1,2,3-cd)pyrene	0.168	0.003	0.1670	0	100.6	52	147				
Naphthalene	0.147	0.003	0.1670	0	88.2	54.8	113				
Phenanthrene	0.160	0.003	0.1670	0	95.9	60.4	121				
Pyrene	0.151	0.003	0.1670	0	90.6	57.9	129				
Surr: 2-Fluorobiphenyl	0.562		0.8330		67.5	35.3	113				
Surr: Nitrobenzene-d5	0.581		0.8330		69.7	33.9	108				
Surr: p-Terphenyl-d14	0.563		0.8330		67.6	58.4	122				

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>MB-54571</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/31/2009</b>	RunNo: <b>125295</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54571</b>	<b>SW3550B</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349641</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	0.004	0.003									S
Benzo(a)pyrene	ND	0.003									
Benzo(b)fluoranthene	ND	0.003									
Benzo(g,h,i)perylene	ND	0.003									
Benzo(k)fluoranthene	ND	0.003									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	0.003	0.003									J
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
Naphthalene	ND	0.003									
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.509		0.8330		61.1	17.5	123				
Surr: Nitrobenzene-d5	0.553		0.8330		66.3	35	105				
Surr: p-Terphenyl-d14	0.586		0.8330		70.3	53.6	122				

Sample ID: <b>09071208-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/31/2009</b>	RunNo: <b>125295</b>							
Client ID: <b>P1-F3.5-F(20.5)MS</b>	Batch ID: <b>54571</b>	<b>SW3550B</b>	Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349643</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	8.29	0.385	0.3782	5.998	605.6	36	135				S
Acenaphthylene	15.1	0.385	0.3782	21.10	-1584	17.2	167				S
Anthracene	12.3	0.385	0.3782	15.13	-743.2	39.3	124				S
Benzo(a)anthracene	8.92	0.385	0.3782	10.12	-316.2	10	183				S
Benzo(a)pyrene	8.29	0.385	0.3782	11.34	-806.9	10	204				S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>09071208-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/31/2009</b>		RunNo: <b>125295</b>			
Client ID: <b>P1-F3.5-F(20.5)MS</b>		Batch ID: <b>54571</b>		<b>SW3550B</b>		Analysis Date: <b>8/3/2009</b>		SeqNo: <b>2349643</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(b)fluoranthene	6.75	0.385	0.3782	8.395	-434.6	10.6	178				S
Benzo(g,h,i)perylene	3.88	0.385	0.3782	4.768	-235.0	10	168				S
Benzo(k)fluoranthene	2.55	0.385	0.3782	2.792	-63.7	27.6	181				S
Bis(2-ethylhexyl)phthalate	ND	7.59	0.3782	0	0	50	150				S
Chrysene	9.52	0.385	0.3782	11.29	-466.5	10	176				S
Dibenzo(a,h)anthracene	1.08	0.385	0.3782	1.104	-7.5	12.2	156				S
Fluoranthene	15.7	0.385	0.3782	19.42	-975.6	10	227				S
Fluorene	14.1	0.385	0.3782	16.60	-657.3	35.2	148				S
Indeno(1,2,3-cd)pyrene	2.97	0.385	0.3782	3.562	-155.6	10	164				S
Naphthalene	116	0.385	0.3782	135.8	-5230	14.7	128				S
Phenanthrene	43.1	0.385	0.3782	53.90	-2865	32.8	143				S
Pyrene	23.5	0.385	0.3782	30.22	-1771	10	180				S
Surr: 2-Fluorobiphenyl	1.32		1.886		70.0	10	131				
Surr: Nitrobenzene-d5	1.13		1.886		60.0	10	132				
Surr: p-Terphenyl-d14	1.13		1.886		60.0	30.6	131				

Sample ID: <b>09071208-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/31/2009</b>		RunNo: <b>125295</b>			
Client ID: <b>P1-F3.5-F(20.5)MSD</b>		Batch ID: <b>54571</b>		<b>SW3550B</b>		Analysis Date: <b>8/3/2009</b>		SeqNo: <b>2349644</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	4.42	0.393	0.3861	5.998	-408.6	36	135	8.288	60.9	49.7	SR
Acenaphthylene	13.4	0.393	0.3861	21.10	-1992	17.2	167	15.11	11.9	33.3	S
Anthracene	9.18	0.393	0.3861	15.13	-1541	39.3	124	12.32	29.2	51.1	S
Benzo(a)anthracene	6.64	0.393	0.3861	10.12	-900.8	10	183	8.922	29.3	40.6	S
Benzo(a)pyrene	6.77	0.393	0.3861	11.34	-1182	10	204	8.288	20.1	56.4	S
Benzo(b)fluoranthene	5.29	0.393	0.3861	8.395	-803.0	10.6	178	6.752	24.2	49.7	S
Benzo(g,h,i)perylene	3.16	0.393	0.3861	4.768	-417.6	10	168	3.880	20.6	36.5	S
Benzo(k)fluoranthene	2.20	0.393	0.3861	2.792	-154.3	27.6	181	2.551	14.9	42.6	S
Bis(2-ethylhexyl)phthalate	ND	7.75	0.3861	0	0	50	150	0	0	60.3	S
Chrysene	7.07	0.393	0.3861	11.29	-1092	10	176	9.522	29.5	45.1	S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09071208

Report Date: 03-Aug-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibenzo(a,h)anthracene	1.02	0.393	0.3861	1.104	-21.4	12.2	156	1.076	5.19	39.9	S
Fluoranthene	12.4	0.393	0.3861	19.42	-1814	10	227	15.73	23.5	66.2	S
Fluorene	10.4	0.393	0.3861	16.60	-1601	35.2	148	14.12	30.1	65.6	S
Indeno(1,2,3-cd)pyrene	2.50	0.393	0.3861	3.562	-273.9	10	164	2.974	17.1	36.5	S
Naphthalene	87.6	0.393	0.3861	135.8	-12490	14.7	128	116.1	27.9	39.6	S
Phenanthrene	34.0	0.393	0.3861	53.90	-5142	32.8	143	43.06	23.4	35.4	S
Pyrene	19.0	0.393	0.3861	30.22	-2906	10	180	23.53	21.3	60.1	S
Surr: 2-Fluorobiphenyl	1.35		1.926		70.0	10	131		0	40	
Surr: Nitrobenzene-d5	1.12		1.926		58.0	10	132		0	40	
Surr: p-Terphenyl-d14	1.31		1.926		68.0	30.6	131		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW9012B (TCN) Solid

Lab Order: 09071208

Report Date: 03-Aug-09

Sample ID: <b>MB-R125300</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>125300</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R125300</b>					Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349727</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide < 0.01 0.01

Sample ID: <b>LCS-R125300</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>125300</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R125300</b>					Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349728</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.11 0.01 0.1000 0 107.6 90 110

Sample ID: <b>09071208-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>125300</b>				
Client ID: <b>P1-F3.5-F(20.5)MS</b>	Batch ID: <b>R125300</b>					Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349736</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 11.4 2.34 2.930 15.25 -130.7 75 125 S

Sample ID: <b>09071208-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>125300</b>				
Client ID: <b>P1-F3.5-F(20.5)MSD</b>	Batch ID: <b>R125300</b>					Analysis Date: <b>8/3/2009</b>	SeqNo: <b>2349737</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 14.7 2.34 2.930 15.25 -18.8 75 125 11.42 25.1 15 SR



**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09071208

**Report Date:** 03-Aug-09

Carrier: Sean Spinner

Received By: EC

Completed by: *Marvin L. Darling II*

Reviewed by: *Heather A. White*

On:  
31-Jul-09  
Marvin L. Darling

On:  
31-Jul-09  
Heather A. White

Pages to follow: Chain of custody  Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 3.6
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <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

09071208

COC Serial No. B 09486

Project Name: AMEREN CHAMPAIGN Project Mgr.: P. Sezans

Project Number: 624D3053 Cost Code: 600000

Sampler(s): J. Crompton

Laboratory Name: Teklab

Location: Collinsville

Sample Number and (depth) Date Time  
P1-F3.5-F(20.5) 7-31-09 0755

Matrix	Total Number of Containers	
	Soil	Water
Soil	6	
Water		
Air		
Wipes		
Other *		

Analyses by Method Name and Number

Method Name and Number	Analysis
VOCs 8270	X
SVOCs 8270	X
PCMA Metals	X
PAHs 8270 SMS	X
Total Cyanide	X
Amenable Cyanide	X

Courier Pick Up

Laboratory Temperature upon Receipt  
3-6

1 DAY

Comments (Field PID) Lab ID #'s

09071208-01

Samples Iced:  Yes  No

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

Lab Directives:

Requested TAT:  Rush  5 Days  STD  Other

Fax and/or Mail Results to: Pete Sezans and Leslie Hoosick

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

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

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

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

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

Shipping:

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

Signature \_\_\_\_\_

Relinquished by:

Signature \_\_\_\_\_

Date: 7-31-09 11:50

Time: 7/31/09 3:40 PM

Received by:

Signature \_\_\_\_\_

Date: 7/31/09 11:50

Time: 7/31/09 1540

August 24, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09080744

Dear Pete Sazama:

TEKLAB, INC received 1 sample on 8/19/2009 7:50:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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,

A handwritten signature in black ink that reads "Heather A. White".

Heather A. White  
Project Manager  
(618)344-1004 ex 20

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09080744

**Report Date:** 24-Aug-09

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
09080744-001	P1-H1-F (20)	6	8/19/2009 2:50:00 PM

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09080744

**Report Date:** 24-Aug-09

**Cooler Receipt Temp:** 4.5 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 09080744

**Lab ID:** 09080744-001

**Report Date:** 24-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C

**Client Sample ID:** P1-H1-F (20)

**Collection Date:** 8/19/2009 2:50:00 PM

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		12.4	%	1	8/19/2009 8:30:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.6	%	1	8/19/2009 8:30:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		6.58	mg/Kg-dry	1	8/20/2009 2:34:55 PM	LAL
Barium	NELAP	0.50		20.8	mg/Kg-dry	1	8/20/2009 2:34:55 PM	LAL
Cadmium	NELAP	0.20	J	0.11	mg/Kg-dry	1	8/20/2009 2:34:55 PM	LAL
Chromium	NELAP	1.00		18.2	mg/Kg-dry	1	8/20/2009 2:34:55 PM	LAL
Lead	NELAP	4.00		13.2	mg/Kg-dry	1	8/20/2009 2:34:55 PM	LAL
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	8/20/2009 2:34:55 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	8/20/2009 3:11:42 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.098	SR	0.324	mg/Kg-dry	25	8/20/2009 2:25:00 PM	MAV
Acenaphthylene	NELAP	0.004	SR	0.162	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Anthracene	NELAP	0.098	SR	0.265	mg/Kg-dry	25	8/20/2009 2:25:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004	SR	0.089	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004	SR	0.075	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004	SR	0.070	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004	SR	0.035	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004	R	0.021	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.077		ND	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Chrysene	NELAP	0.004	SR	0.094	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004	R	0.009	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Fluoranthene	NELAP	0.098	SR	0.225	mg/Kg-dry	25	8/20/2009 2:25:00 PM	MAV
Fluorene	NELAP	0.098	SR	0.241	mg/Kg-dry	25	8/20/2009 2:25:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004	SR	0.031	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Naphthalene	NELAP	0.098	SR	8.82	mg/Kg-dry	25	8/20/2009 2:25:00 PM	MAV
Phenanthrene	NELAP	0.098	SR	0.702	mg/Kg-dry	25	8/20/2009 2:25:00 PM	MAV
Pyrene	NELAP	0.098	SR	0.296	mg/Kg-dry	25	8/20/2009 2:25:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		55.4	%REC	1	8/20/2009 12:37:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		59.5	%REC	1	8/20/2009 12:37:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		67.8	%REC	1	8/20/2009 12:37:00 PM	MAV
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Benzene	NELAP	963		18600	µg/Kg-dry	500	8/19/2009 8:54:00 PM	JSA
Ethylbenzene	NELAP	4810		11100	µg/Kg-dry	500	8/19/2009 8:54:00 PM	JSA
Toluene	NELAP	4810		11300	µg/Kg-dry	500	8/19/2009 8:54:00 PM	JSA
Xylenes, Total	NELAP	4810		18700	µg/Kg-dry	500	8/19/2009 8:54:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080744  
**Lab ID:** 09080744-001  
**Report Date:** 24-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-H1-F (20)  
**Collection Date:** 8/19/2009 2:50:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: 1,2-Dichloroethane-d4		61-128		<b>96.1</b>	%REC	500	8/19/2009 8:54:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		<b>100.3</b>	%REC	500	8/19/2009 8:54:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		<b>98.7</b>	%REC	500	8/19/2009 8:54:00 PM	JSA
Surr: Toluene-d8		80.1-122		<b>95.0</b>	%REC	500	8/19/2009 8:54:00 PM	JSA
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		<b>0.012</b>	mg/Kg-dry	1	8/19/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.571		<b>&lt; 0.571</b>	mg/Kg-dry	1	8/24/2009 11:30:05 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.57	J	<b>0.31</b>	mg/Kg-dry	1	8/24/2009 11:30:05 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09080744

**Report Date:** 24-Aug-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09080744-001A	P1-H1-F (20)	8/19/2009	Solid	ASTM D2974		8/19/2009 8:30:00 PM
				Standard Methods 18th Ed. 2540 G		8/19/2009 8:30:00 PM
				SW-846 9012A		8/24/2009 11:30:05 AM
				SW-846 9012A (Total)		8/24/2009 11:30:05 AM
09080744-001B				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	8/20/2009 8:49:54 AM	8/20/2009 12:37:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	8/20/2009 8:49:54 AM	8/20/2009 2:25:00 PM
09080744-001C				SW-846 3050B, 6010B, Metals by ICP	8/20/2009 8:30:00 AM	8/20/2009 2:34:55 PM
				SW-846 3050B, Metals by GFAA	8/20/2009 8:30:00 AM	8/20/2009 3:11:42 PM
				SW-846 7471A	8/19/2009 8:51:58 PM	8/19/2009
09080744-001F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		8/19/2009 8:26:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		8/19/2009 8:54:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		8/19/2009 9:20:00 PM



**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- 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.
- 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. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- 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. (NELAC) The acceptable recovery range is listed in this report.
- LCS D** 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 this report.
- 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 this report.
- 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 this report.
- MDL** Method detection limit or limit of detection (LOD) 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.
- MB/LCB** Method blank or lab control 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 are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) 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 this report.
- 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 this report.
- 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. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

<b>Qualifiers</b>			
<b>DF</b> - Dilution Factor	<b>B</b> - Analyte detected in the associated Method Blank	<b>C</b> - Client requested RL below PQL	<b>MI</b> - Matrix interference
<b>RL</b> - Reporting Limit	<b>J</b> - Analyte detected below reporting limits	<b>D</b> - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	<b>R</b> - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	<b>S</b> - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count (> 200 CFU)	<b>X</b> - Value exceeds Maximum Contaminant Level	<b>#</b> - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 09080744

Report Date: 24-Aug-09

Sample ID: <b>09080744-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>126158</b>							
Client ID: <b>P1-H1-F (20)MS</b>	Batch ID: <b>R126158</b>		Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369051</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 2.55 0.57 2.854 0.3108 78.4 75 125

Sample ID: <b>09080744-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>126158</b>							
Client ID: <b>P1-H1-F (20)MSD</b>	Batch ID: <b>R126158</b>		Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369052</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 2.46 0.57 2.854 0.3108 75.4 75 125 2.548 3.35 15

Sample ID: <b>MB-R126158</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>126158</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126158</b>		Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369073</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide < 0.50 0.50

Sample ID: <b>LCS-R126158</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>126158</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126158</b>		Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369074</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.09 0.01 0.1000 0 88.5 85 115

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: I\_TS\_M\_MT

Lab Order: 09080744

Report Date: 24-Aug-09

Sample ID: <b>LCS-R126011</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>126011</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126011</b>		Analysis Date: <b>8/19/2009</b>	SeqNo: <b>2365849</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>126011</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126011</b>		Analysis Date: <b>8/19/2009</b>	SeqNo: <b>2365850</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Sample ID: <b>09080744-001ADUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>126011</b>							
Client ID: <b>P1-H1-F (20)DUP</b>	Batch ID: <b>R126011</b>		Analysis Date: <b>8/19/2009</b>	SeqNo: <b>2365885</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 87.6 0.1 87.59 0.0571 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: M\_HG\_SOLID

Lab Order: 09080744

Report Date: 24-Aug-09

Sample ID: <b>MB-54979</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/19/2009</b>	RunNo: <b>125982</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54979</b>	<b>SOP 3063</b>	Analysis Date: <b>8/19/2009</b>	SeqNo: <b>2366198</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	< 0.010	0.010	0.01000	0	0	-100	100				

Sample ID: <b>LCS-54979</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/19/2009</b>	RunNo: <b>125982</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54979</b>	<b>SOP 3063</b>	Analysis Date: <b>8/19/2009</b>	SeqNo: <b>2366199</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.256	0.010	0.2500	0	102.6	85	115				

Sample ID: <b>09080744-001CMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/19/2009</b>	RunNo: <b>125982</b>							
Client ID: <b>P1-H1-F (20)MS</b>	Batch ID: <b>54979</b>	<b>SOP 3063</b>	Analysis Date: <b>8/19/2009</b>	SeqNo: <b>2366207</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.291	0.011	0.2718	0.01196	102.6	75	125				

Sample ID: <b>09080744-001CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/19/2009</b>	RunNo: <b>125982</b>							
Client ID: <b>P1-H1-F (20)MSD</b>	Batch ID: <b>54979</b>	<b>SOP 3063</b>	Analysis Date: <b>8/19/2009</b>	SeqNo: <b>2366208</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.284	0.011	0.2718	0.01196	100.2	75	125	0.2909	2.27	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: M\_SOLID\_GF

Lab Order: 09080744

Report Date: 24-Aug-09

Sample ID: <b>MB-54991</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/20/2009</b>	RunNo: <b>126042</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54991</b>	<b>SOP 3042</b>	Analysis Date: <b>8/20/2009</b>	SeqNo: <b>2366568</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740 < 0.600 0.600 0.6000 0 0 -100 100

Sample ID: <b>LCS-54991</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/20/2009</b>	RunNo: <b>126042</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54991</b>	<b>SOP 3042</b>	Analysis Date: <b>8/20/2009</b>	SeqNo: <b>2366569</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740 3.31 0.600 3.000 0 110.5 80 120

Sample ID: <b>09080744-001CMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/20/2009</b>	RunNo: <b>126042</b>							
Client ID: <b>P1-H1-F (20)MS</b>	Batch ID: <b>54991</b>	<b>SOP 3042</b>	Analysis Date: <b>8/20/2009</b>	SeqNo: <b>2366571</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740 2.92 0.600 3.000 0 97.2 70 130

Sample ID: <b>09080744-001CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/20/2009</b>	RunNo: <b>126042</b>							
Client ID: <b>P1-H1-F (20)MSD</b>	Batch ID: <b>54991</b>	<b>SOP 3042</b>	Analysis Date: <b>8/20/2009</b>	SeqNo: <b>2366572</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740 2.70 0.600 3.000 0 90.0 70 130 2.916 7.68 20

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: M\_SOLIDS\_ICP

Lab Order: 09080744

Report Date: 24-Aug-09

Sample ID: <b>MB-54988</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/20/2009</b>	RunNo: <b>126005</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54988</b>	<b>SOP 3032</b>				Analysis Date: <b>8/20/2009</b>	SeqNo: <b>2366407</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Barium	< 0.50	0.50	0.5000	0	0	-100	100				
Cadmium	< 0.20	0.20	0.2000	0	0	-100	100				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Sample ID: <b>LCS-54988</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/20/2009</b>	RunNo: <b>126005</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54988</b>	<b>SOP 3032</b>				Analysis Date: <b>8/20/2009</b>	SeqNo: <b>2366408</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	207	2.50	200.0	0	103.4	85	115				
Barium	208	0.50	200.0	0	104.1	85	115				
Cadmium	5.09	0.20	5.000	0	101.8	85	115				
Chromium	21.0	1.00	20.00	0	104.9	85	115				
Lead	52.1	4.00	50.00	0	104.3	85	115				
Silver	5.12	0.55	5.000	0	102.4	85	115				

Sample ID: <b>09080744-001CMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/20/2009</b>	RunNo: <b>126005</b>				
Client ID: <b>P1-H1-F (20)MS</b>	Batch ID: <b>54988</b>	<b>SOP 3032</b>				Analysis Date: <b>8/20/2009</b>	SeqNo: <b>2366413</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	204	2.50	200.0	6.580	98.5	75	125				
Barium	198	0.50	200.0	20.84	88.7	75	125				
Cadmium	4.57	0.20	5.000	0.1100	89.2	75	125				
Chromium	37.0	1.00	20.00	18.23	93.8	75	125				
Lead	58.0	4.00	50.00	13.24	89.5	75	125				
Silver	4.76	0.55	5.000	0	95.2	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: M\_SOLIDS\_ICP

Lab Order: 09080744

Report Date: 24-Aug-09

Sample ID: <b>09080744-001CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/20/2009</b>	RunNo: <b>126005</b>				
Client ID: <b>P1-H1-F (20)MSD</b>	Batch ID: <b>54988</b>	SOP <b>3032</b>				Analysis Date: <b>8/20/2009</b>	SeqNo: <b>2366414</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	199	2.50	200.0	6.580	96.1	75	125	203.5	2.39	20	
Barium	195	0.50	200.0	20.84	87.2	75	125	198.2	1.53	20	
Cadmium	4.43	0.20	5.000	0.1100	86.4	75	125	4.570	3.11	20	
Chromium	37.6	1.00	20.00	18.23	96.8	75	125	36.98	1.61	20	
Lead	56.9	4.00	50.00	13.24	87.3	75	125	57.98	1.93	20	
Silver	4.72	0.55	5.000	0	94.4	75	125	4.760	0.844	20	

Sample ID: <b>MB-54988</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/20/2009</b>	RunNo: <b>126026</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54988</b>	SOP <b>3032</b>				Analysis Date: <b>8/20/2009</b>	SeqNo: <b>2366498</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	< 4.00	4.00	4.000	0	0	-100	100				

Sample ID: <b>LCS-54988</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/20/2009</b>	RunNo: <b>126026</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54988</b>	SOP <b>3032</b>				Analysis Date: <b>8/20/2009</b>	SeqNo: <b>2366499</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	49.4	4.00	50.00	0	98.9	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 09080744

Report Date: 24-Aug-09

Sample ID: <b>MB-54976</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/19/2009</b>			RunNo: <b>126047</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>54976</b>		<b>SW3550B</b>		Analysis Date: <b>8/20/2009</b>			SeqNo: <b>2366662</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	ND	0.003									
Benzo(a)pyrene	ND	0.003									
Benzo(b)fluoranthene	ND	0.003									
Benzo(g,h,i)perylene	ND	0.003									
Benzo(k)fluoranthene	ND	0.003									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	ND	0.003									
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
Naphthalene	ND	0.003									
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.530		0.8330		63.6	17.5	123				
Surr: Nitrobenzene-d5	0.537		0.8330		64.4	35	105				
Surr: p-Terphenyl-d14	0.625		0.8330		75.0	53.6	122				

Sample ID: <b>LCS-54976</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/19/2009</b>			RunNo: <b>126047</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>54976</b>		<b>SW3550B</b>		Analysis Date: <b>8/20/2009</b>			SeqNo: <b>2366663</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.111	0.003	0.1670	0	66.2	56.3	115				
Acenaphthylene	0.116	0.003	0.1670	0	69.2	60.3	143				
Anthracene	0.115	0.003	0.1670	0	68.9	52.1	109				
Benzo(a)anthracene	0.106	0.003	0.1670	0	63.7	52.8	112				
Benzo(a)pyrene	0.112	0.003	0.1670	0	67.4	40.8	127				
Benzo(b)fluoranthene	0.134	0.003	0.1670	0	80.0	50.1	150				



Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09080744

Report Date: 24-Aug-09

# ANALYTICAL QC SUMMARY REPORT

TestCode: SV\_8270S\_S\_SIMS

Sample ID: <b>LCS-54976</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/19/2009</b>			RunNo: <b>126047</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>54976</b>		<b>SW3550B</b>		Analysis Date: <b>8/20/2009</b>			SeqNo: <b>2366663</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	0.119	0.003	0.1670	0	71.2	52.8	145				
Benzo(k)fluoranthene	0.132	0.003	0.1670	0	78.8	52	153				
Bis(2-ethylhexyl)phthalate	0.139	0.067	0.1670	0	83.2	50	150				
Chrysene	0.128	0.003	0.1670	0	76.7	60.8	128				
Dibenzo(a,h)anthracene	0.119	0.003	0.1670	0	71.1	54.9	150				
Fluoranthene	0.126	0.003	0.1670	0	75.2	58.7	125				
Fluorene	0.109	0.003	0.1670	0	65.0	57.8	125				
Indeno(1,2,3-cd)pyrene	0.127	0.003	0.1670	0	76.1	52	147				
Naphthalene	0.104	0.003	0.1670	0	62.1	54.8	113				
Phenanthrene	0.121	0.003	0.1670	0	72.6	60.4	121				
Pyrene	0.126	0.003	0.1670	0	75.5	57.9	129				
Surr: 2-Fluorobiphenyl	0.524		0.8330		62.9	35.3	113				
Surr: Nitrobenzene-d5	0.515		0.8330		61.9	33.9	108				
Surr: p-Terphenyl-d14	0.637		0.8330		76.5	58.4	122				

Sample ID: <b>09080744-001BMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/20/2009</b>			RunNo: <b>126047</b>		
Client ID: <b>P1-H1-F (20)MS</b>		Batch ID: <b>54976</b>		<b>SW3550B</b>		Analysis Date: <b>8/20/2009</b>			SeqNo: <b>2366666</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthylene	0.163	0.004	0.1856	0.1618	0.6	17.2	167				S
Benzo(a)anthracene	0.136	0.004	0.1856	0.08915	25.1	10	183				
Benzo(a)pyrene	0.138	0.004	0.1856	0.07529	33.7	10	204				
Benzo(b)fluoranthene	0.152	0.004	0.1856	0.07021	44.1	10.6	178				
Benzo(g,h,i)perylene	0.136	0.004	0.1856	0.03491	54.4	10	168				
Benzo(k)fluoranthene	0.140	0.004	0.1856	0.02082	64.2	27.6	181				
Bis(2-ethylhexyl)phthalate	0.156	0.074	0.1856	0	84.0	50	150				
Chrysene	0.151	0.004	0.1856	0.09373	30.8	10	176				
Dibenzo(a,h)anthracene	0.133	0.004	0.1856	0.008815	66.9	12.2	156				
Indeno(1,2,3-cd)pyrene	0.147	0.004	0.1856	0.03079	62.7	10	164				
Surr: 2-Fluorobiphenyl	0.531		0.9257		57.3	10	131				
Surr: Nitrobenzene-d5	0.545		0.9257		58.9	10	132				

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 09080744

Report Date: 24-Aug-09

Sample ID: <b>09080744-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/20/2009</b>	RunNo: <b>126047</b>							
Client ID: <b>P1-H1-F (20)MS</b>	Batch ID: <b>54976</b>	<b>SW3550B</b>	Analysis Date: <b>8/20/2009</b>	SeqNo: <b>2366666</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: p-Terphenyl-d14	0.683		0.9257		73.8	30.6	131				
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Sample ID: <b>09080744-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/20/2009</b>	RunNo: <b>126047</b>							
Client ID: <b>P1-H1-F (20)MSD</b>	Batch ID: <b>54976</b>	<b>SW3550B</b>	Analysis Date: <b>8/20/2009</b>	SeqNo: <b>2366667</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Acenaphthylene	1.05	0.004	0.1916	0.1618	463.0	17.2	167	0.1630	146	33.3	SR
Benzo(a)anthracene	0.958	0.004	0.1916	0.08915	453.4	10	183	0.1357	150	40.6	SR
Benzo(a)pyrene	0.857	0.004	0.1916	0.07529	408.1	10	204	0.1378	145	56.4	SR
Benzo(b)fluoranthene	0.800	0.004	0.1916	0.07021	380.8	10.6	178	0.1521	136	49.7	SR
Benzo(g,h,i)perylene	0.387	0.004	0.1916	0.03491	183.7	10	168	0.1359	96.0	36.5	SR
Benzo(k)fluoranthene	0.367	0.004	0.1916	0.02082	180.7	27.6	181	0.1399	89.6	42.6	R
Bis(2-ethylhexyl)phthalate	0.175	0.077	0.1916	0	91.4	50	150	0.1559	11.6	60.3	
Chrysene	1.03	0.004	0.1916	0.09373	486.2	10	176	0.1508	149	45.1	SR
Dibenzo(a,h)anthracene	0.209	0.004	0.1916	0.008815	104.4	12.2	156	0.1330	44.4	39.9	R
Indeno(1,2,3-cd)pyrene	0.393	0.004	0.1916	0.03079	188.8	10	164	0.1472	90.9	36.5	SR
Surr: 2-Fluorobiphenyl	0.667		0.9558		69.8	10	131		0	40	
Surr: Nitrobenzene-d5	0.631		0.9558		66.1	10	132		0	40	
Surr: p-Terphenyl-d14	0.702		0.9558		73.4	30.6	131		0	40	

Sample ID: <b>09080744-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/20/2009</b>	RunNo: <b>126047</b>							
Client ID: <b>P1-H1-F (20)MS</b>	Batch ID: <b>54976</b>	<b>SW3550B</b>	Analysis Date: <b>8/20/2009</b>	SeqNo: <b>2366669</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Acenaphthene	0.141	0.094	0.1856	0.3243	-98.9	36	135				S
Anthracene	0.206	0.094	0.1856	0.2646	-31.8	39.3	124				S
Fluoranthene	0.171	0.094	0.1856	0.2252	-29.0	10	227				S
Fluorene	0.146	0.094	0.1856	0.2406	-50.8	35.2	148				S
Naphthalene	4.17	0.094	0.1856	8.822	-2508	14.7	128				S
Phenanthrene	0.227	0.094	0.1856	0.7015	-255.7	32.8	143				S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 09080744

Report Date: 24-Aug-09

Sample ID: <b>09080744-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/20/2009</b>	RunNo: <b>126047</b>							
Client ID: <b>P1-H1-F (20)MS</b>	Batch ID: <b>54976</b>	<b>SW3550B</b>	Analysis Date: <b>8/20/2009</b>	SeqNo: <b>2366669</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	0.184	0.094	0.1856	0.2964	-60.4	10	180				S

Sample ID: <b>09080744-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/20/2009</b>	RunNo: <b>126047</b>							
Client ID: <b>P1-H1-F (20)MSD</b>	Batch ID: <b>54976</b>	<b>SW3550B</b>	Analysis Date: <b>8/20/2009</b>	SeqNo: <b>2366670</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	3.84	0.098	0.1916	0.3243	1834	36	135	0.1408	186	49.7	SR
Anthracene	2.63	0.098	0.1916	0.2646	1233	39.3	124	0.2056	171	51.1	SR
Fluoranthene	2.45	0.098	0.1916	0.2252	1162	10	227	0.1713	174	66.2	SR
Fluorene	2.50	0.098	0.1916	0.2406	1181	35.2	148	0.1463	178	65.6	SR
Naphthalene	22.7	0.098	0.1916	8.822	7237	14.7	128	4.168	138	39.6	SR
Phenanthrene	7.38	0.098	0.1916	0.7015	3487	32.8	143	0.2269	188	35.4	SR
Pyrene	3.21	0.098	0.1916	0.2964	1520	10	180	0.1843	178	60.1	SR

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_BTEX\_S

Lab Order: 09080744

Report Date: 24-Aug-09

Sample ID: <b>LCS-G090819-1</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>8/19/2009</b>		RunNo: <b>125995</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>54980</b>		<b>SW5035</b>		Analysis Date: <b>8/19/2009</b>		SeqNo: <b>2365503</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	46.5	1.0	50.00	0	92.9	77.9	123				
Toluene	47.9	5.0	50.00	0	95.8	80.2	115				
Ethylbenzene	50.4	5.0	50.00	0	100.7	80.9	119				
Xylenes, Total	93.0	5.0	100.0	0	93.0	77.6	124				
Surr: 1,2-Dichloroethane-d4	42.8		50.00		85.6	61	128				
Surr: 4-Bromofluorobenzene	50.5		50.00		101.0	78.2	117				
Surr: Dibromofluoromethane	48.8		50.00		97.6	66.6	130				
Surr: Toluene-d8	48.0		50.00		96.1	80.1	122				

Sample ID: <b>LCSD-G090819-1</b>		SampType: <b>LCSD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>8/19/2009</b>		RunNo: <b>125995</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>54980</b>		<b>SW5035</b>		Analysis Date: <b>8/19/2009</b>		SeqNo: <b>2365504</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	46.8	1.0	50.00	0	93.7	77.9	123	46.46	0.793	20	
Toluene	47.8	5.0	50.00	0	95.7	80.2	115	47.90	0.104	20	
Ethylbenzene	51.5	5.0	50.00	0	103.1	80.9	119	50.35	2.34	20	
Xylenes, Total	95.7	5.0	100.0	0	95.7	77.6	124	92.99	2.85	20	
Surr: 1,2-Dichloroethane-d4	42.9		50.00		85.9	61	128		0	0	
Surr: 4-Bromofluorobenzene	52.1		50.00		104.2	78.2	117		0	0	
Surr: Dibromofluoromethane	48.0		50.00		96.0	66.6	130		0	0	
Surr: Toluene-d8	47.6		50.00		95.1	80.1	122		0	0	

Sample ID: <b>LCSD-G090819-1</b>		SampType: <b>LCSD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>8/19/2009</b>		RunNo: <b>125995</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>54980</b>		<b>SW5035</b>		Analysis Date: <b>8/19/2009</b>		SeqNo: <b>2365505</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	46.4	1.0	50.00	0	92.8	77.9	123	46.46	0.172	20	
Toluene	48.0	5.0	50.00	0	95.9	80.2	115	47.90	0.104	20	
Ethylbenzene	51.2	5.0	50.00	0	102.5	80.9	119	50.35	1.75	20	
Xylenes, Total	98.5	5.0	100.0	0	98.5	77.6	124	92.99	5.77	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_BTEX\_S

Lab Order: 09080744

Report Date: 24-Aug-09

Sample ID: <b>LCS-D-G090819-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/19/2009</b>	RunNo: <b>125995</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54980</b>	<b>SW5035</b>	Analysis Date: <b>8/19/2009</b>	SeqNo: <b>2365505</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	43.3		50.00		86.7	61	128		0	0	
Surr: 4-Bromofluorobenzene	52.2		50.00		104.3	78.2	117		0	0	
Surr: Dibromofluoromethane	49.2		50.00		98.5	66.6	130		0	0	
Surr: Toluene-d8	47.8		50.00		95.6	80.1	122		0	0	

Sample ID: <b>MBLK-G090819-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/19/2009</b>	RunNo: <b>125995</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>54980</b>	<b>SW5035</b>	Analysis Date: <b>8/19/2009</b>	SeqNo: <b>2365507</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	1.0									
Toluene	ND	5.0									
Ethylbenzene	ND	5.0									
Xylenes, Total	ND	5.0									
Surr: 1,2-Dichloroethane-d4	43.6		50.00		87.2	61	128				
Surr: 4-Bromofluorobenzene	51.1		50.00		102.2	78.2	117				
Surr: Dibromofluoromethane	49.3		50.00		98.7	66.6	130				
Surr: Toluene-d8	48.3		50.00		96.6	80.1	122				

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09080744

**Report Date:** 24-Aug-09

Carrier: Sean Spinner

Received By: EC

Completed by:



Reviewed by:



On:

On:

20-Aug-09

Erin Clarke

20-Aug-09

Heather A. White

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 4.5
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA 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

09080744

COC Serial No. B 09491

Project Name: Champaign Project Mgr.: Pete Szarna  
 Project Number: 02403653 Cost Code: 600000  
 Sampler(s): L. Hossier  
 Laboratory Name: Teklab  
 Location: Colmerville

Sample Number and (depth) PI-HI-F (20) Date 8/19 Time 1450  
 Matrix: Soil  Water  Air  Wipes  Other \*

Laboratory Temperature upon Receipt: 415  
 Lab ID #'s: 09086744

Analyses by Method Name and Number	Total Number of Containers	Matrix				
		Soil	Water	Air	Wipes	Other *
BTEX (826)	7	X				
PAHs (826 SING)		X				
PCFH Metals		X				
Total Cyanide		X				
Amerable Cyanide		X				
Comments (Field PID) <b>1 DAY</b>						
*BUSH* 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
- 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: Pete Szarna MM Leslie Hossier  
 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 Leslie Hossier Date 8/19 Time 4:30  
 Signature Sara Spitzer Date 8/19 Time 7:50 PM

Received by: Signature [Signature] Date 8/19/09 Time 4:30  
 Signature [Signature] Date 8/19/09 Time 1950

August 20, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09080744

Dear Pete Sazama:

TEKLAB, INC received 1 sample on 8/19/2009 7:50:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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.



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09080744

**Report Date:** 20-Aug-09

**Cooler Receipt Temp:** 4.5 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

## 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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 09080744

**Lab ID:** 09080744-001

**Report Date:** 20-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C

**Client Sample ID:** P1-H1-F (20)

**Collection Date:** 8/19/2009 2:50:00 PM

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>ASTM D2974</u></b>								
Percent Moisture		0.1		12.4	%	1	8/19/2009 8:30:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.6	%	1	8/19/2009 8:30:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		6.58	mg/Kg-dry	1	8/20/2009 2:34:55 PM	LAL
Barium	NELAP	0.50		20.8	mg/Kg-dry	1	8/20/2009 2:34:55 PM	LAL
Cadmium	NELAP	0.20	J	0.11	mg/Kg-dry	1	8/20/2009 2:34:55 PM	LAL
Chromium	NELAP	1.00		18.2	mg/Kg-dry	1	8/20/2009 2:34:55 PM	LAL
Lead	NELAP	4.00		13.2	mg/Kg-dry	1	8/20/2009 2:34:55 PM	LAL
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	8/20/2009 2:34:55 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	8/20/2009 3:11:42 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.098	SR	0.324	mg/Kg-dry	25	8/20/2009 2:25:00 PM	MAV
Acenaphthylene	NELAP	0.004	SR	0.162	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Anthracene	NELAP	0.098	SR	0.265	mg/Kg-dry	25	8/20/2009 2:25:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004	SR	0.089	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004	SR	0.075	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004	SR	0.070	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004	SR	0.035	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004	R	0.021	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.077		ND	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Chrysene	NELAP	0.004	SR	0.094	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004	R	0.009	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Fluoranthene	NELAP	0.098	SR	0.225	mg/Kg-dry	25	8/20/2009 2:25:00 PM	MAV
Fluorene	NELAP	0.098	SR	0.241	mg/Kg-dry	25	8/20/2009 2:25:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004	SR	0.031	mg/Kg-dry	1	8/20/2009 12:37:00 PM	MAV
Naphthalene	NELAP	0.098	SR	8.82	mg/Kg-dry	25	8/20/2009 2:25:00 PM	MAV
Phenanthrene	NELAP	0.098	SR	0.702	mg/Kg-dry	25	8/20/2009 2:25:00 PM	MAV
Pyrene	NELAP	0.098	SR	0.296	mg/Kg-dry	25	8/20/2009 2:25:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		55.4	%REC	1	8/20/2009 12:37:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		59.5	%REC	1	8/20/2009 12:37:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		67.8	%REC	1	8/20/2009 12:37:00 PM	MAV
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Benzene	NELAP	963		18600	µg/Kg-dry	500	8/19/2009 8:54:00 PM	JSA
Ethylbenzene	NELAP	4810		11100	µg/Kg-dry	500	8/19/2009 8:54:00 PM	JSA
Toluene	NELAP	4810		11300	µg/Kg-dry	500	8/19/2009 8:54:00 PM	JSA
Xylenes, Total	NELAP	4810		18700	µg/Kg-dry	500	8/19/2009 8:54:00 PM	JSA

## 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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080744  
**Lab ID:** 09080744-001  
**Report Date:** 20-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-H1-F (20)  
**Collection Date:** 8/19/2009 2:50:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: 1,2-Dichloroethane-d4		61-128		<b>96.1</b>	%REC	500	8/19/2009 8:54:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		<b>100.3</b>	%REC	500	8/19/2009 8:54:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		<b>98.7</b>	%REC	500	8/19/2009 8:54:00 PM	JSA
Surr: Toluene-d8		80.1-122		<b>95.0</b>	%REC	500	8/19/2009 8:54:00 PM	JSA
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		<b>0.012</b>	mg/Kg-dry	1	8/19/2009	ALU

### Sample Narrative

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

## 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.

August 27, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09080849

Dear Pete Sazama:

TEKLAB, INC received 3 samples on 8/21/2009 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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,

A handwritten signature in black ink that reads "Heather A. White".

Heather A. White  
Project Manager  
(618)344-1004 ex 20

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09080849

**Report Date:** 27-Aug-09

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
09080849-001	P1-I2-W (3)	6	8/20/2009 9:00:00 AM
09080849-002	P1-I2-W (8)	6	8/20/2009 9:15:00 AM
09080849-003	P1-I2-W (15)	6	8/21/2009 9:30:00 AM

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09080849

**Report Date:** 27-Aug-09

**Cooler Receipt Temp:** 1.0 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09080849

**Client Sample ID:** P1-I2-W (3)

**Lab ID:** 09080849-001

**Collection Date:** 8/20/2009 9:00:00 AM

**Report Date:** 27-Aug-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		37.5	%	1	8/21/2009 5:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		62.5	%	1	8/21/2009 5:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		10.2	mg/Kg-dry	1	8/26/2009 12:17:00 PM	LAL
Barium	NELAP	0.50		131	mg/Kg-dry	1	8/26/2009 12:17:00 PM	LAL
Cadmium	NELAP	0.20		1.31	mg/Kg-dry	1	8/26/2009 12:17:00 PM	LAL
Chromium	NELAP	1.00		44.7	mg/Kg-dry	1	8/26/2009 12:17:00 PM	LAL
Lead	NELAP	4.00		158	mg/Kg-dry	1	8/26/2009 12:17:00 PM	LAL
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	8/26/2009 12:17:00 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.600		0.775	mg/Kg-dry	1	8/26/2009 1:36:10 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.136		ND	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Acenaphthylene	NELAP	0.136		1.18	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Anthracene	NELAP	0.136		0.307	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Benzo(a)anthracene	NELAP	0.136		1.07	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Benzo(a)pyrene	NELAP	0.136		1.41	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.136		2.16	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.136		1.84	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.136		0.661	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	2.67		ND	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Chrysene	NELAP	0.136		1.60	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.136		0.424	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Fluoranthene	NELAP	0.136		1.28	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Fluorene	NELAP	0.136		0.172	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.136		1.51	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Naphthalene	NELAP	0.136		0.326	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Phenanthrene	NELAP	0.136		0.789	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Pyrene	NELAP	0.136		2.14	mg/Kg-dry	25	8/24/2009 6:38:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		69.0	%REC	25	8/24/2009 6:38:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		67.0	%REC	25	8/24/2009 6:38:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		74.0	%REC	25	8/24/2009 6:38:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	7.79	S	ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
1,2-Dichlorobenzene	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
1,3-Dichlorobenzene	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
1,4-Dichlorobenzene	NELAP	7.79	S	ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-001  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (3)  
**Collection Date:** 8/20/2009 9:00:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
2,4-Dichlorophenol	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
2,4-Dimethylphenol	NELAP	7.79	S	ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
2,4-Dinitrophenol	NELAP	15.6	S	ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
2,4-Dinitrotoluene	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
2,6-Dinitrotoluene	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
2-Chloronaphthalene	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
2-Chlorophenol	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
2-Methoxy-4-methylphenol		10.1		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
2-Methylnaphthalene	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
2-Nitroaniline	NELAP	15.6		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
2-Nitrophenol	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
3-Nitroaniline	NELAP	15.6		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	15.6		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
4-Chloroaniline	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
4-Nitroaniline	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
4-Nitrophenol	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Aniline	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Azobenzene		5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Benzidine	NELAP	16.5		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Benzoic acid	NELAP	23.4		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Benzyl alcohol	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Butyl benzyl phthalate	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Carbazole		7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Dibenzofuran	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Diethyl phthalate	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Dimethyl phthalate	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Di-n-butyl phthalate	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Di-n-octyl phthalate	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Hexachlorobenzene	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-001  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (3)  
**Collection Date:** 8/20/2009 9:00:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Hexachloroethane	NELAP	7.79	S	ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Isophorone	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
m,p-Cresol	NELAP	7.79	S	ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Nitrobenzene	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
N-Nitrosodimethylamine	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	7.79		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
o-Cresol	NELAP	7.79	S	ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Pentachlorophenol	NELAP	31.2	S	ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Phenol	NELAP	5.45		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Pyridine	NELAP	7.79	S	ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
1,2-Diphenylhydrazine		13.1		ND	mg/Kg-dry	10	8/26/2009 6:51:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		73.5	%REC	10	8/26/2009 6:51:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		81.8	%REC	10	8/26/2009 6:51:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		78.6	%REC	10	8/26/2009 6:51:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		85.4	%REC	10	8/26/2009 6:51:00 PM	DMH
Surr: Phenol-d5		34.9-110		83.8	%REC	10	8/26/2009 6:51:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		81.0	%REC	10	8/26/2009 6:51:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,1,1-Trichloroethane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,1,2,2-Tetrachloroethane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,1,2-Trichloroethane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,1-Dichloro-2-propanone		84.9		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,1-Dichloroethane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,1-Dichloroethene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,1-Dichloropropene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,2,3-Trichlorobenzene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,2,3-Trichloropropane	NELAP	17.0		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,2,3-Trimethylbenzene		8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,2,4-Trichlorobenzene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,2,4-Trimethylbenzene	NELAP	8.5	J	2.2	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,2-Dibromo-3-chloropropane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,2-Dibromoethane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,2-Dichlorobenzene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-001  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (3)  
**Collection Date:** 8/20/2009 9:00:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2-Dichloroethane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,2-Dichloropropane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,3,5-Trimethylbenzene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,3-Dichlorobenzene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,3-Dichloropropane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1,4-Dichlorobenzene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
1-Chlorobutane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
2,2-Dichloropropane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
2-Butanone	NELAP	84.9		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
2-Chlorotoluene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
2-Hexanone	NELAP	84.9		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
2-Nitropropane	NELAP	84.9		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
4-Chlorotoluene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
4-Methyl-2-pentanone	NELAP	84.9		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Acetone	NELAP	84.9	J	25	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Acrolein	NELAP	170		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Acrylonitrile	NELAP	17.0		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Allyl chloride	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Benzene	NELAP	1.7		3.3	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Bromobenzene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Bromochloromethane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Bromodichloromethane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Bromoform	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Bromomethane	NELAP	17.0		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Carbon disulfide	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Carbon tetrachloride	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Chlorobenzene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Chloroethane	NELAP	17.0		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Chloroform	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Chloromethane	NELAP	17.0		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
cis-1,2-Dichloroethene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
cis-1,3-Dichloropropene	NELAP	6.8		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Cyclohexanone		170		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Dibromochloromethane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Dibromomethane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Dichlorodifluoromethane	NELAP	17.0		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Ethyl acetate	NELAP	84.9		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Ethyl ether	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-001  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (3)  
**Collection Date:** 8/20/2009 9:00:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Ethylbenzene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Heptane		34.0		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Hexachlorobutadiene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Hexachloroethane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Iodomethane	NELAP	17.0		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Isopropylbenzene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
m,p-Xylenes	NELAP	8.5	J	4.6	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Methacrylonitrile	NELAP	84.9		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Methyl Methacrylate	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Methyl tert-butyl ether	NELAP	3.4		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Methylacrylate		17.0		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Methylene chloride	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Naphthalene	NELAP	17.0	J	3.9	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
n-Butylbenzene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
n-Hexane		34.0		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Nitrobenzene	NELAP	170		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
n-Propylbenzene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
o-Xylene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Pentachloroethane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
p-Isopropyltoluene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Propionitrile	NELAP	84.9		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
sec-Butylbenzene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Styrene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
tert-Butylbenzene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Tetrachloroethene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Tetrahydrofuran	NELAP	84.9		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Toluene	NELAP	8.5	J	1.7	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
trans-1,2-Dichloroethene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
trans-1,3-Dichloropropene	NELAP	6.8		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Trichloroethene	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Trichlorofluoromethane	NELAP	8.5		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Vinyl acetate	NELAP	84.9		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Vinyl chloride	NELAP	3.4		ND	µg/Kg-dry	1	8/25/2009 11:44:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		89.8	%REC	1	8/25/2009 11:44:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		102.0	%REC	1	8/25/2009 11:44:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		100.3	%REC	1	8/25/2009 11:44:00 AM	JSA
Surr: Toluene-d8		80.1-122		95.0	%REC	1	8/25/2009 11:44:00 AM	JSA

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-001  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (3)  
**Collection Date:** 8/20/2009 9:00:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.320		<b>3.73</b>	mg/Kg-dry	20	8/24/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		8.00		<b>Interference</b>	mg/Kg-dry	10	8/24/2009 11:30:05 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	8.00	S	<b>117</b>	mg/Kg-dry	10	8/24/2009 11:30:05 AM	RCE

### Sample Narrative

SW-846 9012A (Total)

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

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

Matrix spike did not recover within control limits because of matrix interference.

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09080849

**Client Sample ID:** P1-I2-W (8)

**Lab ID:** 09080849-002

**Collection Date:** 8/20/2009 9:15:00 AM

**Report Date:** 27-Aug-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		25.1	%	1	8/21/2009 5:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		74.9	%	1	8/21/2009 5:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		5.67	mg/Kg-dry	1	8/26/2009 12:43:10 PM	LAL
Barium	NELAP	0.48		112	mg/Kg-dry	1	8/26/2009 12:43:10 PM	LAL
Cadmium	NELAP	0.19		0.36	mg/Kg-dry	1	8/26/2009 12:43:10 PM	LAL
Chromium	NELAP	0.96		23.3	mg/Kg-dry	1	8/26/2009 12:43:10 PM	LAL
Lead	NELAP	3.85		17.8	mg/Kg-dry	1	8/26/2009 12:43:10 PM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	8/26/2009 12:43:10 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	8/26/2009 1:39:34 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.023		1.30	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Acenaphthylene	NELAP	0.023		0.157	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Anthracene	NELAP	0.023		0.731	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Benzo(a)anthracene	NELAP	0.023		0.368	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Benzo(a)pyrene	NELAP	0.023		0.279	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.023		0.287	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.023		0.128	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.023		0.092	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.445		ND	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Chrysene	NELAP	0.023		0.382	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.023		0.037	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Fluoranthene	NELAP	0.023		1.01	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Fluorene	NELAP	0.023		0.876	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.023		0.113	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Naphthalene	NELAP	0.023		1.49	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Phenanthrene	NELAP	0.023		2.69	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Pyrene	NELAP	0.023		1.26	mg/Kg-dry	5	8/24/2009 7:14:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		72.0	%REC	5	8/24/2009 7:14:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		73.0	%REC	5	8/24/2009 7:14:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		81.8	%REC	5	8/24/2009 7:14:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-002  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (8)  
**Collection Date:** 8/20/2009 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.30		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
2-Chloronaphthalene	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
2-Chlorophenol	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
2-Methoxy-4-methylphenol		0.844		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
2-Methylnaphthalene	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
2-Nitroaniline	NELAP	1.30		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
2-Nitrophenol	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
3-Nitroaniline	NELAP	1.30		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.30		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
4-Chloroaniline	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
4-Nitroaniline	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
4-Nitrophenol	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Aniline	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Azobenzene		0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Benzidine	NELAP	1.37		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Benzoic acid	NELAP	1.95		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Benzyl alcohol	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Carbazole		0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Dibenzofuran	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Diethyl phthalate	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Dimethyl phthalate	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Hexachlorobenzene	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-002  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (8)  
**Collection Date:** 8/20/2009 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Hexachloroethane	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Isophorone	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
m,p-Cresol	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Nitrobenzene	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
o-Cresol	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Pentachlorophenol	NELAP	2.60		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Phenol	NELAP	0.454		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Pyridine	NELAP	0.649		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
1,2-Diphenylhydrazine		1.09		ND	mg/Kg-dry	1	8/26/2009 11:30:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		84.9	%REC	1	8/26/2009 11:30:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		80.5	%REC	1	8/26/2009 11:30:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		70.9	%REC	1	8/26/2009 11:30:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		74.6	%REC	1	8/26/2009 11:30:00 AM	DMH
Surr: Phenol-d5		34.9-110		80.1	%REC	1	8/26/2009 11:30:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		88.5	%REC	1	8/26/2009 11:30:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,1,1-Trichloroethane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,1,2-Trichloroethane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,1-Dichloro-2-propanone		2760		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,1-Dichloroethane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,1-Dichloroethene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,1-Dichloropropene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,2,3-Trichloropropane	NELAP	551		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,2,3-Trimethylbenzene		276		11700	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	1380		19600	µg/Kg-dry	125	8/25/2009 10:51:00 AM	JSA
1,2-Dibromo-3-chloropropane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,2-Dibromoethane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,2-Dichlorobenzene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-002  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (8)  
**Collection Date:** 8/20/2009 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,2-Dichloropropane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	276		5530	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,3-Dichlorobenzene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,3-Dichloropropane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1,4-Dichlorobenzene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
1-Chlorobutane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
2,2-Dichloropropane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
2-Butanone	NELAP	2760		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
2-Chlorotoluene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
2-Hexanone	NELAP	2760		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
2-Nitropropane	NELAP	2760		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
4-Chlorotoluene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
4-Methyl-2-pentanone	NELAP	2760		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Acetone	NELAP	2760		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Acrolein	NELAP	5510		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Acrylonitrile	NELAP	551		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Allyl chloride	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Benzene	NELAP	55.1		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Bromobenzene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Bromochloromethane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Bromodichloromethane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Bromoform	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Bromomethane	NELAP	551		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Carbon disulfide	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Carbon tetrachloride	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Chlorobenzene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Chloroethane	NELAP	551		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Chloroform	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Chloromethane	NELAP	551		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	221		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Cyclohexanone		5510		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Dibromochloromethane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Dibromomethane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Dichlorodifluoromethane	NELAP	551		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Ethyl acetate	NELAP	2760		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Ethyl ether	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-002  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (8)  
**Collection Date:** 8/20/2009 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Ethyl methacrylate	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Ethylbenzene	NELAP	1380		20300	µg/Kg-dry	125	8/25/2009 10:51:00 AM	JSA
Heptane		1100	J	340	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Hexachlorobutadiene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Hexachloroethane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Iodomethane	NELAP	551		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Isopropylbenzene	NELAP	276		6700	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
m,p-Xylenes	NELAP	276	J	200	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Methacrylonitrile	NELAP	2760		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Methyl Methacrylate	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Methyl tert-butyl ether	NELAP	110		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Methylacrylate		551		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Methylene chloride	NELAP	276	J	190	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Naphthalene	NELAP	2760		40500	µg/Kg-dry	125	8/25/2009 10:51:00 AM	JSA
n-Butylbenzene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
n-Hexane		1100	J	320	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Nitrobenzene	NELAP	5510		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
n-Propylbenzene	NELAP	276		3210	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
o-Xylene	NELAP	276		1440	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Pentachloroethane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
p-Isopropyltoluene	NELAP	276		889	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Propionitrile	NELAP	2760		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
sec-Butylbenzene	NELAP	276		566	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Styrene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
tert-Butylbenzene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Tetrachloroethene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Tetrahydrofuran	NELAP	2760		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Toluene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	221		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Trichloroethene	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Trichlorofluoromethane	NELAP	276		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Vinyl acetate	NELAP	2760		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Vinyl chloride	NELAP	110		ND	µg/Kg-dry	25	8/24/2009 9:59:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		82.0	%REC	25	8/24/2009 9:59:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		101.3	%REC	25	8/24/2009 9:59:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		87.2	%REC	25	8/24/2009 9:59:00 PM	RWE
Surr: Toluene-d8		80.1-122		84.7	%REC	25	8/24/2009 9:59:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-002  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (8)  
**Collection Date:** 8/20/2009 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013		<b>0.031</b>	mg/Kg-dry	1	8/24/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.667		<b>3.03</b>	mg/Kg-dry	1	8/24/2009 11:30:05 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.67		<b>3.55</b>	mg/Kg-dry	1	8/24/2009 11:30:05 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-003  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (15)  
**Collection Date:** 8/21/2009 9:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		12.3	%	1	8/21/2009 5:00:00 PM	MAB
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.7	%	1	8/21/2009 5:00:00 PM	MAB
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		6.01	mg/Kg-dry	1	8/26/2009 12:49:56 PM	LAL
Barium	NELAP	0.48		22.4	mg/Kg-dry	1	8/26/2009 12:49:56 PM	LAL
Cadmium	NELAP	0.19		0.20	mg/Kg-dry	1	8/26/2009 12:49:56 PM	LAL
Chromium	NELAP	0.96		17.7	mg/Kg-dry	1	8/26/2009 12:49:56 PM	LAL
Lead	NELAP	3.85		23.3	mg/Kg-dry	1	8/26/2009 12:49:56 PM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	8/26/2009 12:49:56 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.566	< 0.566	mg/Kg-dry	1	8/26/2009 1:49:40 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.133	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Acenaphthylene	NELAP	0.004		0.224	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Anthracene	NELAP	0.004		0.012	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004		0.007	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.076		ND	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Chrysene	NELAP	0.004		0.004	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Fluoranthene	NELAP	0.004		0.012	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Fluorene	NELAP	0.004		0.062	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Naphthalene	NELAP	0.004	S	0.470	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Phenanthrene	NELAP	0.004		0.055	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Pyrene	NELAP	0.004		0.015	mg/Kg-dry	1	8/24/2009 7:49:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		67.9	%REC	1	8/24/2009 7:49:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		71.5	%REC	1	8/24/2009 7:49:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		77.6	%REC	1	8/24/2009 7:49:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-003  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (15)  
**Collection Date:** 8/21/2009 9:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.15		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
2-Chloronaphthalene	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
2-Chlorophenol	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
2-Methoxy-4-methylphenol		0.746		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
2-Methylnaphthalene	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
2-Nitroaniline	NELAP	1.15		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
2-Nitrophenol	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
3-Nitroaniline	NELAP	1.15		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.15		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
4-Chloroaniline	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
4-Nitroaniline	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
4-Nitrophenol	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Aniline	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Azobenzene		0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Benzidine	NELAP	1.21		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Benzoic acid	NELAP	1.72		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Benzyl alcohol	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Carbazole		0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Dibenzofuran	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Diethyl phthalate	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Dimethyl phthalate	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Hexachlorobenzene	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-003  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (15)  
**Collection Date:** 8/21/2009 9:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Hexachloroethane	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Isophorone	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
m,p-Cresol	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Nitrobenzene	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
o-Cresol	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Pentachlorophenol	NELAP	2.30		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Phenol	NELAP	0.402		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Pyridine	NELAP	0.574		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
1,2-Diphenylhydrazine		0.965		ND	mg/Kg-dry	1	8/26/2009 12:01:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		79.4	%REC	1	8/26/2009 12:01:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		88.3	%REC	1	8/26/2009 12:01:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		73.8	%REC	1	8/26/2009 12:01:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		89.0	%REC	1	8/26/2009 12:01:00 PM	DMH
Surr: Phenol-d5		34.9-110		82.7	%REC	1	8/26/2009 12:01:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		101.1	%REC	1	8/26/2009 12:01:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,1,1-Trichloroethane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,1,2,2-Tetrachloroethane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,1,2-Trichloroethane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,1-Dichloro-2-propanone		1850		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,1-Dichloroethane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,1-Dichloroethene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,1-Dichloropropene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,2,3-Trichlorobenzene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,2,3-Trichloropropane	NELAP	371		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,2,3-Trimethylbenzene		185		418	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,2,4-Trichlorobenzene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,2,4-Trimethylbenzene	NELAP	185		188	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,2-Dibromo-3-chloropropane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,2-Dibromoethane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,2-Dichlorobenzene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-003  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (15)  
**Collection Date:** 8/21/2009 9:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2-Dichloroethane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,2-Dichloropropane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,3,5-Trimethylbenzene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,3-Dichlorobenzene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,3-Dichloropropane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1,4-Dichlorobenzene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
1-Chlorobutane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
2,2-Dichloropropane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
2-Butanone	NELAP	1850		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
2-Chlorotoluene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
2-Hexanone	NELAP	1850		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
2-Nitropropane	NELAP	1850		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
4-Chlorotoluene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
4-Methyl-2-pentanone	NELAP	1850		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Acetone	NELAP	1850		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Acrolein	NELAP	3710		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Acrylonitrile	NELAP	371		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Allyl chloride	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Benzene	NELAP	37.1		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Bromobenzene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Bromochloromethane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Bromodichloromethane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Bromoform	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Bromomethane	NELAP	371		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Carbon disulfide	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Carbon tetrachloride	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Chlorobenzene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Chloroethane	NELAP	371		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Chloroform	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Chloromethane	NELAP	371		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
cis-1,2-Dichloroethene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
cis-1,3-Dichloropropene	NELAP	148		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Cyclohexanone		3710		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Dibromochloromethane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Dibromomethane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Dichlorodifluoromethane	NELAP	371		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Ethyl acetate	NELAP	1850		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Ethyl ether	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-003  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (15)  
**Collection Date:** 8/21/2009 9:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Ethylbenzene	NELAP	185	J	68	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Heptane		742		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Hexachlorobutadiene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Hexachloroethane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Iodomethane	NELAP	371		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Isopropylbenzene	NELAP	185		276	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
m,p-Xylenes	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Methacrylonitrile	NELAP	1850		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Methyl Methacrylate	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Methyl tert-butyl ether	NELAP	74.2		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Methylacrylate		371		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Methylene chloride	NELAP	185	J	40	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Naphthalene	NELAP	371		3130	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
n-Butylbenzene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
n-Hexane		742		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Nitrobenzene	NELAP	3710		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
n-Propylbenzene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
o-Xylene	NELAP	185		235	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Pentachloroethane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
p-Isopropyltoluene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Propionitrile	NELAP	1850		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
sec-Butylbenzene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Styrene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
tert-Butylbenzene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Tetrachloroethene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Tetrahydrofuran	NELAP	1850		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Toluene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
trans-1,2-Dichloroethene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
trans-1,3-Dichloropropene	NELAP	148		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Trichloroethene	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Trichlorofluoromethane	NELAP	185		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Vinyl acetate	NELAP	1850		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Vinyl chloride	NELAP	74.2		ND	µg/Kg-dry	25	8/25/2009 11:17:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		82.4	%REC	25	8/25/2009 11:17:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		104.6	%REC	25	8/25/2009 11:17:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		94.5	%REC	25	8/25/2009 11:17:00 AM	JSA
Surr: Toluene-d8		80.1-122		96.9	%REC	25	8/25/2009 11:17:00 AM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09080849  
**Lab ID:** 09080849-003  
**Report Date:** 27-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I2-W (15)  
**Collection Date:** 8/21/2009 9:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		< 0.011	mg/Kg-dry	1	8/24/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.570		Interference	mg/Kg-dry	1	8/24/2009 11:30:05 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.57	J	0.45	mg/Kg-dry	1	8/24/2009 11:30:05 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

Naphthalene did not recover within control limits in the MS/MSD.

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09080849

**Report Date:** 27-Aug-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09080849-001A	P1-I2-W (3)	8/20/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	8/24/2009 9:06:11 AM	8/24/2009 6:03:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	8/24/2009 9:06:11 AM	8/24/2009 6:38:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	8/24/2009 9:04:11 AM	8/25/2009
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	8/25/2009 2:55:51 PM	8/26/2009 6:51:00 PM
09080849-001B				SW-846 3050B, 6010B, Metals by ICP	8/25/2009 9:09:35 AM	8/26/2009 12:17:00 PM
				SW-846 3050B, Metals by GFAA	8/25/2009 9:08:00 AM	8/26/2009 1:36:10 PM
				SW-846 7471A	8/24/2009 4:35:50 PM	8/24/2009
				SW-846 7471A	8/24/2009 4:35:50 PM	8/24/2009
				SW-846 7471A	8/24/2009 4:35:50 PM	8/24/2009
09080849-001C				EPA SW846 3550C, 5035A, ASTM D2974		8/21/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		8/21/2009 5:00:00 PM
				SW-846 9012A		8/24/2009 11:30:05 AM
				SW-846 9012A (Total)		8/24/2009 11:30:05 AM
09080849-001F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		8/25/2009 11:44:00 AM
09080849-002A	P1-I2-W (8)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	8/24/2009 9:06:11 AM	8/24/2009 7:14:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	8/24/2009 9:04:11 AM	8/25/2009
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	8/25/2009 2:55:51 PM	8/26/2009 11:30:00 AM
09080849-002B				SW-846 3050B, 6010B, Metals by ICP	8/25/2009 9:09:35 AM	8/26/2009 12:43:10 PM
				SW-846 3050B, Metals by GFAA	8/25/2009 9:08:00 AM	8/26/2009 1:39:34 PM
				SW-846 3050B, Metals by GFAA	8/25/2009 9:08:00 AM	8/26/2009 1:53:00 PM
				SW-846 7471A	8/24/2009 4:35:50 PM	8/24/2009
09080849-002C				EPA SW846 3550C, 5035A, ASTM D2974		8/21/2009 5:00:00 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09080849

**Report Date:** 27-Aug-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09080849-002C	P1-I2-W (8)	8/20/2009	Solid	Standard Methods 18th Ed. 2540 G		8/21/2009 5:00:00 PM
				SW-846 9012A		8/24/2009 11:30:05 AM
				SW-846 9012A (Total)		8/24/2009 11:30:05 AM
09080849-002F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		8/24/2009 9:59:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		8/25/2009 10:51:00 AM
09080849-003A	P1-I2-W (15)	8/21/2009		SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	8/24/2009 9:06:11 AM	8/24/2009 7:49:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	8/24/2009 9:04:11 AM	8/25/2009
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	8/25/2009 2:55:52 PM	8/26/2009 12:01:00 PM
09080849-003B				SW-846 3050B, 6010B, Metals by ICP	8/25/2009 9:09:35 AM	8/26/2009 12:49:56 PM
				SW-846 3050B, Metals by GFAA	8/25/2009 9:08:00 AM	8/26/2009 1:49:40 PM
				SW-846 7471A	8/24/2009 4:35:50 PM	8/24/2009
09080849-003C				EPA SW846 3550C, 5035A, ASTM D2974		8/21/2009 5:00:00 PM
				Standard Methods 18th Ed. 2540 G		8/21/2009 5:00:00 PM
				SW-846 9012A		8/24/2009 11:30:05 AM
				SW-846 9012A (Total)		8/24/2009 11:30:05 AM
09080849-003F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		8/25/2009 11:17:00 AM

**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- 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.
- 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. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- 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. (NELAC) The acceptable recovery range is listed in this report.
- LCS D** 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 this report.
- 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 this report.
- 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 this report.
- MDL** Method detection limit or limit of detection (LOD) 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.
- MB/LCB** Method blank or lab control 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 are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) 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 this report.
- 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 this report.
- 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. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

<b>Qualifiers</b>			
<b>DF</b> - Dilution Factor	<b>B</b> - Analyte detected in the associated Method Blank	<b>C</b> - Client requested RL below PQL	<b>MI</b> - Matrix interference
<b>RL</b> - Reporting Limit	<b>J</b> - Analyte detected below reporting limits	<b>D</b> - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	<b>R</b> - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	<b>S</b> - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count (> 200 CFU)	<b>X</b> - Value exceeds Maximum Contaminant Level	<b>#</b> - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>MB-R126158</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>126158</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126158</b>		Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369073</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide < 0.01 0.01

Sample ID: <b>LCS-R126158</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>126158</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126158</b>		Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369074</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.09 0.01 0.1000 0 88.5 85 115

Sample ID: <b>09080849-001CMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>126158</b>							
Client ID: <b>P1-I2-W (3)MS</b>	Batch ID: <b>R126158</b>		Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2370183</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 131 8.00 4.000 117.2 340.1 75 125 S

Sample ID: <b>09080849-001CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>126158</b>							
Client ID: <b>P1-I2-W (3)MSD</b>	Batch ID: <b>R126158</b>		Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2370184</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 115 8.00 4.000 117.2 -65.5 75 125 130.8 13.2 15 S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: I\_TS\_M\_MT

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>LCS-R126122</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>126122</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126122</b>		Analysis Date: <b>8/21/2009</b>	SeqNo: <b>2368384</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	1.0	0.1	1.000	0	100	90	110				
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Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>126122</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126122</b>		Analysis Date: <b>8/21/2009</b>	SeqNo: <b>2368385</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	1.0	0.1	1.000	0	100	90	110				
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Sample ID: <b>09080849-003CDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>126122</b>							
Client ID: <b>P1-I2-W (15)DUP</b>	Batch ID: <b>R126122</b>		Analysis Date: <b>8/21/2009</b>	SeqNo: <b>2368398</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	87.9	0.1						87.66	0.239	15	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: M\_HG\_SOLID

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>MB-55071</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/24/2009</b>	RunNo: <b>126165</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55071</b>	<b>SOP 3063</b>	Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369432</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury < 0.010 0.010 0.01000 0 0 -100 100

Sample ID: <b>09080849-002BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/24/2009</b>	RunNo: <b>126165</b>							
Client ID: <b>P1-I2-W (8)MS</b>	Batch ID: <b>55071</b>	<b>SOP 3063</b>	Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369446</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.385 0.013 0.3336 0.03136 106.0 75 125

Sample ID: <b>09080849-002BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/24/2009</b>	RunNo: <b>126165</b>							
Client ID: <b>P1-I2-W (8)MSD</b>	Batch ID: <b>55071</b>	<b>SOP 3063</b>	Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369447</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.360 0.013 0.3336 0.03136 98.4 75 125 0.3850 6.81 15

Sample ID: <b>LCS-55071</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/24/2009</b>	RunNo: <b>126165</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55071</b>	<b>SOP 3063</b>	Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369459</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.256 0.010 0.2500 0 102.2 85 115

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: M\_SOLID\_GF

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>MB-55077</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/25/2009</b>	RunNo: <b>126267</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55077</b>	<b>SOP 3042</b>	Analysis Date: <b>8/26/2009</b>	SeqNo: <b>2371809</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740

< 0.600

0.600

0.6000

0

0

-100

100

Sample ID: <b>LCS-55077</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/25/2009</b>	RunNo: <b>126267</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55077</b>	<b>SOP 3042</b>	Analysis Date: <b>8/26/2009</b>	SeqNo: <b>2371810</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740

3.15

0.600

3.000

0

105.0

80

120

Sample ID: <b>09080849-002BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/25/2009</b>	RunNo: <b>126267</b>							
Client ID: <b>P1-I2-W (8)MS</b>	Batch ID: <b>55077</b>	<b>SOP 3042</b>	Analysis Date: <b>8/26/2009</b>	SeqNo: <b>2371817</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740

2.36

1.20

3.000

0

78.8

70

130

Sample ID: <b>09080849-002BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/25/2009</b>	RunNo: <b>126267</b>							
Client ID: <b>P1-I2-W (8)MSD</b>	Batch ID: <b>55077</b>	<b>SOP 3042</b>	Analysis Date: <b>8/26/2009</b>	SeqNo: <b>2371818</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740

2.52

1.20

3.000

0

84.1

70

130

2.363

6.53

20

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: M\_SOLIDS\_ICP

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>MB-55078</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/25/2009</b>	RunNo: <b>126231</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55078</b>	<b>SOP 3032</b>	Analysis Date: <b>8/26/2009</b>	SeqNo: <b>2371520</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Barium	< 0.50	0.50	0.5000	0	0	-100	100				
Cadmium	< 0.20	0.20	0.2000	0	0	-100	100				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Sample ID: <b>LCS-55078</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/25/2009</b>	RunNo: <b>126231</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55078</b>	<b>SOP 3032</b>	Analysis Date: <b>8/26/2009</b>	SeqNo: <b>2371521</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	211	2.50	200.0	0	105.6	85	115				
Barium	210	0.50	200.0	0	104.8	85	115				
Cadmium	5.23	0.20	5.000	0	104.6	85	115				
Chromium	21.1	1.00	20.00	0	105.6	85	115				
Lead	53.4	4.00	50.00	0	106.7	85	115				
Silver	4.86	0.55	5.000	0	97.2	85	115				

Sample ID: <b>09080849-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/25/2009</b>	RunNo: <b>126231</b>							
Client ID: <b>P1-I2-W (15)MS</b>	Batch ID: <b>55078</b>	<b>SOP 3032</b>	Analysis Date: <b>8/26/2009</b>	SeqNo: <b>2371587</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	194	2.40	192.3	6.010	97.5	75	125				
Barium	191	0.48	192.3	22.41	87.5	75	125				
Cadmium	4.54	0.19	4.808	0.2019	90.2	75	125				
Chromium	35.0	0.96	19.23	17.72	89.6	75	125				
Lead	64.7	3.85	48.08	23.30	86.0	75	125				
Silver	4.67	0.53	4.808	0	97.2	75	125				



Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09080849

Report Date: 27-Aug-09

## ANALYTICAL QC SUMMARY REPORT

TestCode: M\_SOLIDS\_ICP

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	197	2.40	192.3	6.010	99.4	75	125	193.6	1.82	20	
Barium	193	0.48	192.3	22.41	88.5	75	125	190.7	1.00	20	
Cadmium	4.59	0.19	4.808	0.2019	91.2	75	125	4.538	1.05	20	
Chromium	36.8	0.96	19.23	17.72	99.0	75	125	34.96	4.99	20	
Lead	66.9	3.85	48.08	23.30	90.6	75	125	64.66	3.33	20	
Silver	4.45	0.53	4.808	0	92.6	75	125	4.673	4.85	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>MB-55097</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/25/2009</b>	RunNo: <b>126246</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55097</b>	<b>SW3550B</b>	Analysis Date: <b>8/26/2009</b>	SeqNo: <b>2371197</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									
Azobenzene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09080849

Report Date: 27-Aug-09

# ANALYTICAL QC SUMMARY REPORT

TestCode: SV\_8270S\_S

Sample ID: <b>MB-55097</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/25/2009</b>	RunNo: <b>126246</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55097</b>	<b>SW3550B</b>	Analysis Date: <b>8/26/2009</b>	SeqNo: <b>2371197</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>MB-55097</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/25/2009</b>	RunNo: <b>126246</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55097</b>	<b>SW3550B</b>	Analysis Date: <b>8/26/2009</b>	SeqNo: <b>2371197</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.27		1.670		76.0	52.1	113				
Surr: 2-Fluorobiphenyl	0.616		0.8350		73.8	46.3	106				
Surr: 2-Fluorophenol	1.18		1.670		70.5	50.6	89				
Surr: Nitrobenzene-d5	0.625		0.8350		74.9	42.4	99.2				
Surr: Phenol-d5	1.29		1.670		77.1	55.9	98.5				
Surr: p-Terphenyl-d14	0.702		0.8350		84.1	45.5	115				

Sample ID: <b>LCS-55097</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/25/2009</b>	RunNo: <b>126246</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55097</b>	<b>SW3550B</b>	Analysis Date: <b>8/26/2009</b>	SeqNo: <b>2371198</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.22	0.500	1.670	0	73.3	43.9	92.2				
1,4-Dichlorobenzene	1.18	0.500	1.670	0	70.8	43.8	84.1				
2,4,5-Trichlorophenol	2.73	0.350	3.330	0	82.1	38.6	123				
2,4,6-Trichlorophenol	2.54	0.350	3.330	0	76.4	35.9	123				
2,4-Dimethylphenol	2.69	0.500	3.330	0	80.7	38.3	88				
2,4-Dinitrophenol	2.80	1.00	3.330	0	84.1	1.88	162				
2,4-Dinitrotoluene	1.29	0.350	1.670	0	77.1	48.6	102				
2-Chlorophenol	1.66	0.500	3.330	0	49.8	46.6	84				
4-Chloro-3-methylphenol	2.71	0.500	3.330	0	81.5	51.5	94.9				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>LCS-55097</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>8/25/2009</b>	RunNo: <b>126246</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55097</b>	<b>SW3550B</b>				Analysis Date: <b>8/26/2009</b>	SeqNo: <b>2371198</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	2.82	0.350	3.330	0	84.7	53.2	104				
Acenaphthene	1.36	0.350	1.670	0	81.3	50.8	113				
Acenaphthylene	1.90	0.350	1.670	0	114.1	52.8	121				
Anthracene	1.54	0.350	1.670	0	92.1	53.3	115				
Benzo(a)anthracene	1.20	0.350	1.670	0	71.6	62.3	110				
Benzo(a)pyrene	1.46	0.350	1.670	0	87.5	58.2	109				
Benzo(b)fluoranthene	1.22	0.350	1.670	0	72.9	51.8	107				
Benzo(g,h,i)perylene	1.52	0.350	1.670	0	91.0	49.6	121				
Benzo(k)fluoranthene	1.70	0.350	1.670	0	101.7	63.1	129				
Bis(2-ethylhexyl)phthalate	1.60	0.350	1.670	0	95.8	56.3	109				
Chrysene	1.47	0.350	1.670	0	87.8	58.4	115				
Dibenzo(a,h)anthracene	1.55	0.350	1.670	0	92.6	54.9	120				
Diethyl phthalate	2.71	0.500	3.330	0	81.4	51.7	106				
Dimethyl phthalate	2.74	0.350	3.330	0	82.3	58.8	104				
Di-n-butyl phthalate	1.49	0.350	1.670	0	89.4	54.3	105				
Fluoranthene	1.56	0.350	1.670	0	93.6	61.6	113				
Fluorene	1.36	0.350	1.670	0	81.6	52.2	116				
Hexachlorobenzene	3.07	0.350	3.330	0	92.2	55.9	106				
Hexachlorobutadiene	2.30	0.500	3.330	0	68.9	35.7	100				
Hexachloroethane	2.55	0.500	3.330	0	76.7	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.56	0.350	1.670	0	93.5	52.7	115				
m,p-Cresol	1.16	0.500	1.670	0	69.6	37.6	93.7				
Naphthalene	1.26	0.350	1.670	0	75.2	45.7	101				
Nitrobenzene	2.28	0.500	3.330	0	68.4	51.8	104				
N-Nitroso-di-n-propylamine	1.28	0.500	1.670	0	76.6	49.1	94.5				
o-Cresol	1.11	0.500	1.670	0	66.5	43	101				
Pentachlorophenol	2.57	2.00	3.330	0	77.2	42.2	102				
Phenanthrene	1.44	0.350	1.670	0	86.2	52.9	113				
Phenol	1.95	0.350	3.330	0	58.6	41.6	81.3				
Pyrene	1.48	0.500	1.670	0	88.9	60.7	115				
Pyridine	2.11	0.500	3.330	0	63.4	3.61	74.3				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>LCS-55097</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/25/2009</b>		RunNo: <b>126246</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>55097</b>		<b>SW3550B</b>		Analysis Date: <b>8/26/2009</b>		SeqNo: <b>2371198</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1.38		1.670		82.3	52.1	113				
Surr: 2-Fluorobiphenyl	0.630		0.8350		75.5	46.3	106				
Surr: 2-Fluorophenol	1.13		1.670		67.7	50.6	89				
Surr: Nitrobenzene-d5	0.562		0.8350		67.3	42.4	99.2				
Surr: Phenol-d5	1.28		1.670		76.4	55.9	98.5				
Surr: p-Terphenyl-d14	0.758		0.8350		90.8	45.5	115				

Sample ID: <b>09080849-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/25/2009</b>		RunNo: <b>126246</b>			
Client ID: <b>P1-I2-W (3)MS</b>		Batch ID: <b>55097</b>		<b>SW3550B</b>		Analysis Date: <b>8/26/2009</b>		SeqNo: <b>2372182</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2.2	7.96	2.658	0	82.5	35.9	102				J
1,4-Dichlorobenzene	ND	7.96	2.658	0	0	29.8	95.5				S
2,4,5-Trichlorophenol	4.2	5.57	5.300	0	78.8	38.6	123				J
2,4,6-Trichlorophenol	3.9	5.57	5.300	0	72.8	35.9	123				J
2,4-Dimethylphenol	4.7	7.96	5.300	0	89.3	38.3	88				JS
2,4-Dinitrophenol	ND	15.9	5.300	0	0	1.88	162				S
2,4-Dinitrotoluene	2.3	5.57	2.658	0	85.9	37.5	107				J
2-Chlorophenol	2.4	7.96	5.300	0	45.7	22.6	108				J
4-Chloro-3-methylphenol	4.5	7.96	5.300	0	84.6	19.3	131				J
4-Nitrophenol	3.2	5.57	5.300	0	60.0	27.6	123				J
Diethyl phthalate	4.8	7.96	5.300	0	90.0	51.7	106				J
Dimethyl phthalate	4.6	5.57	5.300	0	87.2	58.8	104				J
Di-n-butyl phthalate	2.3	5.57	2.658	0	86.1	54.3	105				J
Hexachlorobenzene	4.1	5.57	5.300	0	77.6	55.9	106				J
Hexachlorobutadiene	3.9	7.96	5.300	0	73.1	35.7	100				J
Hexachloroethane	7.4	7.96	5.300	0	140.4	38.9	89.9				JS
m,p-Cresol	ND	7.96	2.658	0	0	37.6	93.7				S
Nitrobenzene	4.6	7.96	5.300	0	86.3	51.8	104				J
N-Nitroso-di-n-propylamine	2.2	7.96	2.658	0	83.9	45.5	99.1				J
o-Cresol	ND	7.96	2.658	0	0	43	101				S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>09080849-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/25/2009</b>		RunNo: <b>126246</b>			
Client ID: <b>P1-I2-W (3)MS</b>		Batch ID: <b>55097</b>		<b>SW3550B</b>		Analysis Date: <b>8/26/2009</b>		SeqNo: <b>2372182</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	ND	31.8	5.300	0	0	18.5	113				S
Phenol	3.3	5.57	5.300	0	61.8	20.8	110				J
Pyridine	5.2	7.96	5.300	0	97.4	3.61	74.3				JS
Surr: 2,4,6-Tribromophenol	1.75		2.658		65.9	32.7	130				
Surr: 2-Fluorobiphenyl	0.881		1.329		66.3	34.1	116				
Surr: 2-Fluorophenol	1.90		2.658		71.7	30.5	99				
Surr: Nitrobenzene-d5	0.928		1.329		69.9	34.1	101				
Surr: Phenol-d5	2.15		2.658		81.0	34.9	110				
Surr: p-Terphenyl-d14	0.992		1.329		74.7	41.7	124				

Sample ID: <b>09080849-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/25/2009</b>		RunNo: <b>126246</b>			
Client ID: <b>P1-I2-W (3)MSD</b>		Batch ID: <b>55097</b>		<b>SW3550B</b>		Analysis Date: <b>8/26/2009</b>		SeqNo: <b>2372183</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	8.06	2.694	0	0	35.9	102	2.193	0	40	S
1,4-Dichlorobenzene	ND	8.06	2.694	0	0	29.8	95.5	0	0	40	S
2,4,5-Trichlorophenol	3.7	5.65	5.371	0	68.1	38.6	123	4.175	0	40	J
2,4,6-Trichlorophenol	3.7	5.65	5.371	0	69.5	35.9	123	3.857	0	40	J
2,4-Dimethylphenol	4.4	8.06	5.371	0	82.8	38.3	88	4.735	0	40	J
2,4-Dinitrophenol	ND	16.1	5.371	0	0	1.88	162	0	0	40	S
2,4-Dinitrotoluene	2.2	5.65	2.694	0	82.4	37.5	107	2.284	0	40	J
2-Chlorophenol	3.2	8.06	5.371	0	58.8	22.6	108	2.422	0	40	J
4-Chloro-3-methylphenol	4.2	8.06	5.371	0	78.6	19.3	131	4.482	0	40	J
4-Nitrophenol	3.8	5.65	5.371	0	71.3	27.6	123	3.179	0	40	J
Diethyl phthalate	4.5	8.06	5.371	0	83.7	51.7	106	4.770	0	40	J
Dimethyl phthalate	4.4	5.65	5.371	0	81.3	58.8	104	4.621	0	40	J
Di-n-butyl phthalate	2.6	5.65	2.694	0	97.1	54.3	105	2.289	0	40	J
Hexachlorobenzene	4.3	5.65	5.371	0	79.5	55.9	106	4.112	0	40	J
Hexachlorobutadiene	3.8	8.06	5.371	0	71.8	35.7	100	3.873	0	40	J
Hexachloroethane	10.1	8.06	5.371	0	188.1	38.9	89.9	7.438	30.4	40	S
m,p-Cresol	2.0	8.06	2.694	0	75.9	37.6	93.7	0	0	40	J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09080849

Report Date: 27-Aug-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrobenzene	4.8	8.06	5.371	0	89.3	51.8	104	4.571	0	40	J
N-Nitroso-di-n-propylamine	2.2	8.06	2.694	0	79.8	45.5	99.1	2.230	0	40	J
o-Cresol	1.9	8.06	2.694	0	71.8	43	101	0	0	40	J
Pentachlorophenol	ND	32.3	5.371	0	0	18.5	113	0	0	40	S
Phenol	3.6	5.65	5.371	0	66.3	20.8	110	3.274	0	40	J
Pyridine	7.6	8.06	5.371	0	140.8	3.61	74.3	5.161	0	40	JS
Surr: 2,4,6-Tribromophenol	1.54		2.694		57.3	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	0.930		1.347		69.1	34.1	116		0	40	
Surr: 2-Fluorophenol	1.75		2.694		65.1	30.5	99		0	40	
Surr: Nitrobenzene-d5	0.871		1.347		64.7	34.1	101		0	40	
Surr: Phenol-d5	1.90		2.694		70.5	34.9	110		0	40	
Surr: p-Terphenyl-d14	0.919		1.347		68.3	41.7	124		0	40	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>MB-55049</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/24/2009</b>	RunNo: <b>126180</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55049</b>	<b>SW3550B</b>	Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369651</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	ND	0.003									
Benzo(a)pyrene	ND	0.003									
Benzo(b)fluoranthene	ND	0.003									
Benzo(g,h,i)perylene	ND	0.003									
Benzo(k)fluoranthene	ND	0.003									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	ND	0.003									
Diethyl phthalate	ND	0.034									
Dimethyl phthalate	ND	0.034									
Di-n-butyl phthalate	ND	0.034									
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
Naphthalene	ND	0.003									
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.575		0.8330		69.0	17.5	123				
Surr: 2-Fluorophenol	1.02		1.670		61.1	23	117				
Surr: Nitrobenzene-d5	0.596		0.8330		71.5	35	105				
Surr: Phenol-d5	1.07		1.670		64.3	33.2	125				
Surr: p-Terphenyl-d14	0.661		0.8330		79.4	53.6	122				

Sample ID: <b>LCS-55049</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/24/2009</b>	RunNo: <b>126180</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55049</b>	<b>SW3550B</b>	Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369652</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.105	0.003	0.1670	0	62.9	56.3	115				

Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>LCS-55049</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/24/2009</b>			RunNo: <b>126180</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>55049</b>		<b>SW3550B</b>		Analysis Date: <b>8/24/2009</b>			SeqNo: <b>2369652</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthylene	0.111	0.003	0.1670	0	66.7	60.3	143				
Anthracene	0.101	0.003	0.1670	0	60.4	52.1	109				
Benzo(a)anthracene	0.103	0.003	0.1670	0	61.4	52.8	112				
Benzo(a)pyrene	0.107	0.003	0.1670	0	64.3	40.8	127				
Benzo(b)fluoranthene	0.126	0.003	0.1670	0	75.7	50.1	150				
Benzo(g,h,i)perylene	0.124	0.003	0.1670	0	74.5	52.8	145				
Benzo(k)fluoranthene	0.113	0.003	0.1670	0	67.8	52	153				
Bis(2-ethylhexyl)phthalate	0.130	0.067	0.1670	0	77.7	50	150				
Chrysene	0.119	0.003	0.1670	0	71.5	60.8	128				
Dibenzo(a,h)anthracene	0.124	0.003	0.1670	0	74.5	54.9	150				
Diethyl phthalate	0.122	0.034	0.1670	0	72.8	50	150				
Dimethyl phthalate	0.122	0.034	0.1670	0	72.9	50	150				
Di-n-butyl phthalate	0.124	0.034	0.1670	0	74.5	50	150				
Fluoranthene	0.117	0.003	0.1670	0	70.2	58.7	125				
Fluorene	0.110	0.003	0.1670	0	65.6	57.8	125				
Indeno(1,2,3-cd)pyrene	0.127	0.003	0.1670	0	76.1	52	147				
Naphthalene	0.104	0.003	0.1670	0	62.5	54.8	113				
Phenanthrene	0.108	0.003	0.1670	0	64.5	60.4	121				
Pyrene	0.113	0.003	0.1670	0	67.5	57.9	129				
Surr: 2-Fluorobiphenyl	0.571		0.8330		68.5	35.3	113				
Surr: 2-Fluorophenol	0.937		1.670		56.1	13.6	123				
Surr: Nitrobenzene-d5	0.562		0.8330		67.5	33.9	108				
Surr: Phenol-d5	1.04		1.670		62.2	33.7	129				
Surr: p-Terphenyl-d14	0.654		0.8330		78.5	58.4	122				

Sample ID: <b>09080849-003AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/24/2009</b>			RunNo: <b>126180</b>		
Client ID: <b>P1-I2-W (15)MS</b>		Batch ID: <b>55049</b>		<b>SW3550B</b>		Analysis Date: <b>8/24/2009</b>			SeqNo: <b>2369657</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.240	0.004	0.1875	0.1331	57.0	36	135				
Acenaphthylene	0.354	0.004	0.1875	0.2237	69.7	17.2	167				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: 09080849-003AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 8/24/2009		RunNo: 126180			
Client ID: P1-I2-W (15)MS		Batch ID: 55049		SW3550B		Analysis Date: 8/24/2009		SeqNo: 2369657			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Anthracene	0.135	0.004	0.1875	0.01175	65.8	39.3	124				
Benzo(a)anthracene	0.132	0.004	0.1875	0.007233	66.6	10	183				
Benzo(a)pyrene	0.140	0.004	0.1875	0.004860	72.2	10	204				
Benzo(b)fluoranthene	0.148	0.004	0.1875	0.004860	76.3	10.6	178				
Benzo(g,h,i)perylene	0.140	0.004	0.1875	0	74.5	10	168				
Benzo(k)fluoranthene	0.143	0.004	0.1875	0	76.1	27.6	181				
Bis(2-ethylhexyl)phthalate	0.145	0.075	0.1875	0	77.6	50	150				
Chrysene	0.151	0.004	0.1875	0.004483	78.0	10	176				
Dibenzo(a,h)anthracene	0.145	0.004	0.1875	0	77.5	12.2	156				
Fluoranthene	0.155	0.004	0.1875	0.01157	76.7	10	227				
Fluorene	0.182	0.004	0.1875	0.06152	64.2	35.2	148				
Indeno(1,2,3-cd)pyrene	0.147	0.004	0.1875	0	78.1	10	164				
Naphthalene	0.748	0.004	0.1875	0.4701	148.4	14.7	128				S
Phenanthrene	0.173	0.004	0.1875	0.05451	63.1	32.8	143				
Pyrene	0.158	0.004	0.1875	0.01514	76.4	10	180				
Surr: 2-Fluorobiphenyl	0.512		0.9353		54.7	10	131				
Surr: Nitrobenzene-d5	0.604		0.9353		64.6	10	132				
Surr: p-Terphenyl-d14	0.746		0.9353		79.8	30.6	131				

Sample ID: 09080849-003AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 8/24/2009		RunNo: 126180			
Client ID: P1-I2-W (15)MSD		Batch ID: 55049		SW3550B		Analysis Date: 8/24/2009		SeqNo: 2369658			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.255	0.004	0.1857	0.1331	65.5	36	135	0.2399	5.98	49.7	
Acenaphthylene	0.406	0.004	0.1857	0.2237	98.1	17.2	167	0.3545	13.5	33.3	
Anthracene	0.137	0.004	0.1857	0.01175	67.5	39.3	124	0.1352	1.40	51.1	
Benzo(a)anthracene	0.127	0.004	0.1857	0.007233	64.4	10	183	0.1322	4.11	40.6	
Benzo(a)pyrene	0.139	0.004	0.1857	0.004860	72.4	10	204	0.1402	0.686	56.4	
Benzo(b)fluoranthene	0.147	0.004	0.1857	0.004860	76.7	10.6	178	0.1479	0.424	49.7	
Benzo(g,h,i)perylene	0.136	0.004	0.1857	0	73.5	10	168	0.1396	2.36	36.5	
Benzo(k)fluoranthene	0.141	0.004	0.1857	0	76.0	27.6	181	0.1428	1.19	42.6	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 09080849

Report Date: 27-Aug-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bis(2-ethylhexyl)phthalate	0.145	0.074	0.1857	0	78.2	50	150	0.1455	0.236	60.3	
Chrysene	0.148	0.004	0.1857	0.004483	77.5	10	176	0.1507	1.50	45.1	
Dibenzo(a,h)anthracene	0.145	0.004	0.1857	0	77.9	12.2	156	0.1454	0.466	39.9	
Fluoranthene	0.154	0.004	0.1857	0.01157	76.9	10	227	0.1553	0.595	66.2	
Fluorene	0.192	0.004	0.1857	0.06152	70.4	35.2	148	0.1819	5.55	65.6	
Indeno(1,2,3-cd)pyrene	0.147	0.004	0.1857	0	79.2	10	164	0.1465	0.340	36.5	
Naphthalene	0.793	0.004	0.1857	0.4701	174.1	14.7	128	0.7482	5.86	39.6	S
Phenanthrene	0.168	0.004	0.1857	0.05451	61.4	32.8	143	0.1728	2.51	35.4	
Pyrene	0.156	0.004	0.1857	0.01514	76.0	10	180	0.1584	1.43	60.1	
Surr: 2-Fluorobiphenyl	0.600		0.9262		64.8	10	131		0	40	
Surr: Nitrobenzene-d5	0.663		0.9262		71.6	10	132		0	40	
Surr: p-Terphenyl-d14	0.756		0.9262		81.6	30.6	131		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: LCS-F090824-1	SampType: LCS	Units: µg/Kg				Prep Date: 8/24/2009	RunNo: 126194				
Client ID: ZZZZZZ	Batch ID: 55084	SW5035				Analysis Date: 8/24/2009	SeqNo: 2369834				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	48.6	5.0	50.00	0	97.3	77.5	121				
1,1-Dichloroethene	36.1	5.0	50.00	0	72.2	52	133				
1,2-Dibromoethane	51.1	5.0	50.00	0	102.2	85.2	119				
1,2-Dichlorobenzene	52.3	5.0	50.00	0	104.5	84.2	122				
1,2-Dichloroethane	47.2	5.0	50.00	0	94.4	71.1	125				
1,3-Dichlorobenzene	52.6	5.0	50.00	0	105.2	83.3	125				
1,4-Dichlorobenzene	50.6	5.0	50.00	0	101.2	81.9	128				
2-Butanone	65.5	50.0	100.0	0	65.5	39.1	105				
Benzene	44.5	1.0	50.00	0	88.9	77.9	123				
Bromodichloromethane	53.1	5.0	50.00	0	106.3	87.9	119				
Carbon tetrachloride	46.0	5.0	50.00	0	91.9	77.5	128				
Chlorobenzene	48.4	5.0	50.00	0	96.8	87.8	120				
Chloroform	45.3	5.0	50.00	0	90.5	81.5	119				
Dibromochloromethane	49.4	5.0	50.00	0	98.8	88.6	119				
Ethylbenzene	52.5	5.0	50.00	0	105.1	80.9	119				
m,p-Xylenes	45.4	5.0	50.00	0	90.7	77.6	120				
Methyl tert-butyl ether	50.5	2.0	50.00	0	101.0	69.8	121				
Methylene chloride	44.4	5.0	50.00	0	88.9	71.5	124				
Naphthalene	60.8	10	50.00	0	121.6	75.7	123				
o-Xylene	49.3	5.0	50.00	0	98.6	82.4	124				
Tetrachloroethene	43.4	5.0	50.00	0	86.8	74.2	113				
Toluene	46.8	5.0	50.00	0	93.5	80.2	115				
Trichloroethene	47.8	5.0	50.00	0	95.7	83.3	118				
Surr: 1,2-Dichloroethane-d4	47.9		50.00		95.8	61	128				
Surr: 4-Bromofluorobenzene	45.5		50.00		91.0	78.2	117				
Surr: Dibromofluoromethane	49.1		50.00		98.1	66.6	130				
Surr: Toluene-d8	38.5		50.00		77.0	80.1	122				S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>LCSD-F090824-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>8/24/2009</b>	RunNo: <b>126194</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>55084</b>	<b>SW5035</b>				Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369835</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	48.9	5.0	50.00	0	97.8	77.5	121	48.64	0.492	20	
1,1-Dichloroethene	36.7	5.0	50.00	0	73.3	52	133	36.12	1.51	20	
1,2-Dibromoethane	56.1	5.0	50.00	0	112.2	85.2	119	51.11	9.33	20	
1,2-Dichlorobenzene	53.8	5.0	50.00	0	107.6	84.2	122	52.27	2.88	20	
1,2-Dichloroethane	46.2	5.0	50.00	0	92.4	71.1	125	47.19	2.08	20	
1,3-Dichlorobenzene	51.2	5.0	50.00	0	102.4	83.3	125	52.58	2.64	20	
1,4-Dichlorobenzene	51.2	5.0	50.00	0	102.4	81.9	128	50.58	1.24	20	
2-Butanone	59.1	50.0	100.0	0	59.1	39.1	105	65.46	10.2	20	
Benzene	44.5	1.0	50.00	0	89.1	77.9	123	44.47	0.135	20	
Bromodichloromethane	51.0	5.0	50.00	0	102.0	87.9	119	53.14	4.09	20	
Carbon tetrachloride	44.7	5.0	50.00	0	89.3	77.5	128	45.97	2.87	20	
Chlorobenzene	53.3	5.0	50.00	0	106.6	87.8	120	48.42	9.59	20	
Chloroform	43.4	5.0	50.00	0	86.8	81.5	119	45.27	4.26	20	
Dibromochloromethane	53.6	5.0	50.00	0	107.2	88.6	119	49.41	8.17	20	
Ethylbenzene	58.3	5.0	50.00	0	116.5	80.9	119	52.53	10.3	20	
m,p-Xylenes	50.6	5.0	50.00	0	101.2	77.6	120	45.37	10.9	20	
Methyl tert-butyl ether	48.5	2.0	50.00	0	97.1	69.8	121	50.51	4.00	20	
Methylene chloride	42.9	5.0	50.00	0	85.8	71.5	124	44.43	3.50	20	
Naphthalene	57.8	10	50.00	0	115.6	75.7	123	60.78	5.03	20	
o-Xylene	57.2	5.0	50.00	0	114.5	82.4	124	49.29	14.9	20	
Tetrachloroethene	49.4	5.0	50.00	0	98.8	74.2	113	43.41	12.9	20	
Toluene	54.5	5.0	50.00	0	109.0	80.2	115	46.75	15.3	20	
Trichloroethene	46.5	5.0	50.00	0	92.9	83.3	118	47.85	2.95	20	
Surr: 1,2-Dichloroethane-d4	47.9		50.00		95.7	61	128		0	0	
Surr: 4-Bromofluorobenzene	46.4		50.00		92.9	78.2	117		0	0	
Surr: Dibromofluoromethane	48.4		50.00		96.8	66.6	130		0	0	
Surr: Toluene-d8	48.7		50.00		97.5	80.1	122		0	0	

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09080849

Report Date: 27-Aug-09

# ANALYTICAL QC SUMMARY REPORT

TestCode: V\_8260S\_S

Sample ID: <b>MBLK-F090824-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/24/2009</b>	RunNo: <b>126194</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55084</b>	<b>SW5035</b>	Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369836</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	10									
1,2,3-Trimethylbenzene	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
1-Chlorobutane	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.0									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.0									
4-Methyl-2-pentanone	ND	50.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>MBLK-F090824-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/24/2009</b>	RunNo: <b>126194</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55084</b>	<b>SW5035</b>	Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369836</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10									
Allyl chloride	ND	5.0									
Benzene	ND	1.0									
Bromobenzene	ND	5.0									
Bromochloromethane	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	10									
Carbon disulfide	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	10									
Chloroform	ND	5.0									
Chloromethane	ND	10									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	4.0									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	10									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.0									
Ethyl methacrylate	ND	5.0									
Ethylbenzene	ND	5.0									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.0									
Hexachloroethane	ND	5.0									
Iodomethane	ND	10									
Isopropylbenzene	ND	5.0									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>MBLK-F090824-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/24/2009</b>	RunNo: <b>126194</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55084</b>	<b>SW5035</b>	Analysis Date: <b>8/24/2009</b>	SeqNo: <b>2369836</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylenes	ND	5.0									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.0									
Methyl tert-butyl ether	ND	2.0									
Methylacrylate	ND	10									
Methylene chloride	ND	5.0									
Naphthalene	ND	10									
n-Butylbenzene	ND	5.0									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.0									
o-Xylene	ND	5.0									
Pentachloroethane	ND	5.0									
p-Isopropyltoluene	ND	5.0									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	4.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.0									
Surr: 1,2-Dichloroethane-d4	45.5		50.00		91.1	61	128				
Surr: 4-Bromofluorobenzene	48.7		50.00		97.4	78.2	117				
Surr: Dibromofluoromethane	48.8		50.00		97.6	66.6	130				
Surr: Toluene-d8	46.9		50.00		93.7	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>LCS-G090825-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>8/25/2009</b>	RunNo: <b>126200</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55086</b>	<b>SW5035</b>				Analysis Date: <b>8/25/2009</b>	SeqNo: <b>2369987</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	53.8	5.0	50.00	0	107.6	77.5	121				
1,1-Dichloroethene	55.3	5.0	50.00	0	110.6	52	133				
1,2-Dibromoethane	51.5	5.0	50.00	0	103.1	85.2	119				
1,2-Dichlorobenzene	54.3	5.0	50.00	0	108.7	84.2	122				
1,2-Dichloroethane	45.1	5.0	50.00	0	90.1	71.1	125				
1,3-Dichlorobenzene	55.3	5.0	50.00	0	110.6	83.3	125				
1,4-Dichlorobenzene	55.0	5.0	50.00	0	109.9	81.9	128				
2-Butanone	86.4	50.0	100.0	0	86.4	39.1	105				
Benzene	51.0	1.0	50.00	0	102.0	77.9	123				
Bromodichloromethane	55.9	5.0	50.00	0	111.7	87.9	119				
Carbon tetrachloride	55.2	5.0	50.00	0	110.3	77.5	128				
Chlorobenzene	52.1	5.0	50.00	0	104.3	87.8	120				
Chloroform	50.4	5.0	50.00	0	100.9	81.5	119				
Dibromochloromethane	52.7	5.0	50.00	0	105.5	88.6	119				
Ethylbenzene	52.0	5.0	50.00	0	103.9	80.9	119				
m,p-Xylenes	49.5	5.0	50.00	0	99.1	77.6	120				
Methyl tert-butyl ether	53.4	2.0	50.00	0	106.8	69.8	121				
Methylene chloride	58.2	5.0	50.00	0	116.5	71.5	124				
Naphthalene	52.1	10	50.00	0	104.2	75.7	123				
o-Xylene	49.5	5.0	50.00	0	98.9	82.4	124				
Tetrachloroethene	49.2	5.0	50.00	0	98.4	74.2	113				
Toluene	46.9	5.0	50.00	0	93.8	80.2	115				
Trichloroethene	56.0	5.0	50.00	0	112.0	83.3	118				
Surr: 1,2-Dichloroethane-d4	42.5		50.00		85.0	61	128				
Surr: 4-Bromofluorobenzene	55.1		50.00		110.2	78.2	117				
Surr: Dibromofluoromethane	50.9		50.00		101.8	66.6	130				
Surr: Toluene-d8	45.4		50.00		90.8	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>LCS-D-G090825-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>					Prep Date: <b>8/25/2009</b>	RunNo: <b>126200</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55086</b>	<b>SW5035</b>					Analysis Date: <b>8/25/2009</b>	SeqNo: <b>2369988</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	54.6	5.0	50.00	0	109.2	77.5	121	53.80	1.49	20	
1,1-Dichloroethene	55.5	5.0	50.00	0	111.0	52	133	55.28	0.415	20	
1,2-Dibromoethane	52.4	5.0	50.00	0	104.7	85.2	119	51.54	1.60	20	
1,2-Dichlorobenzene	56.4	5.0	50.00	0	112.8	84.2	122	54.34	3.70	20	
1,2-Dichloroethane	46.4	5.0	50.00	0	92.8	71.1	125	45.07	2.93	20	
1,3-Dichlorobenzene	56.0	5.0	50.00	0	112.1	83.3	125	55.32	1.31	20	
1,4-Dichlorobenzene	55.7	5.0	50.00	0	111.4	81.9	128	54.97	1.30	20	
2-Butanone	83.6	50.0	100.0	0	83.6	39.1	105	86.43	3.30	20	
Benzene	51.5	1.0	50.00	0	103.0	77.9	123	51.00	0.995	20	
Bromodichloromethane	57.2	5.0	50.00	0	114.3	87.9	119	55.87	2.28	20	
Carbon tetrachloride	56.2	5.0	50.00	0	112.3	77.5	128	55.16	1.78	20	
Chlorobenzene	52.7	5.0	50.00	0	105.3	87.8	120	52.13	1.01	20	
Chloroform	51.4	5.0	50.00	0	102.8	81.5	119	50.45	1.87	20	
Dibromochloromethane	53.8	5.0	50.00	0	107.7	88.6	119	52.74	2.06	20	
Ethylbenzene	52.4	5.0	50.00	0	104.9	80.9	119	51.97	0.881	20	
m,p-Xylenes	49.7	5.0	50.00	0	99.5	77.6	120	49.53	0.423	20	
Methyl tert-butyl ether	54.1	2.0	50.00	0	108.2	69.8	121	53.42	1.23	20	
Methylene chloride	59.4	5.0	50.00	0	118.7	71.5	124	58.24	1.90	20	
Naphthalene	56.3	10	50.00	0	112.6	75.7	123	52.10	7.78	20	
o-Xylene	49.7	5.0	50.00	0	99.4	82.4	124	49.46	0.504	20	
Tetrachloroethene	49.0	5.0	50.00	0	98.0	74.2	113	49.20	0.448	20	
Toluene	47.4	5.0	50.00	0	94.9	80.2	115	46.91	1.10	20	
Trichloroethene	56.2	5.0	50.00	0	112.4	83.3	118	55.99	0.339	20	
Surr: 1,2-Dichloroethane-d4	42.8		50.00		85.6	61	128		0	0	
Surr: 4-Bromofluorobenzene	53.7		50.00		107.5	78.2	117		0	0	
Surr: Dibromofluoromethane	50.3		50.00		100.7	66.6	130		0	0	
Surr: Toluene-d8	45.8		50.00		91.6	80.1	122		0	0	

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09080849

Report Date: 27-Aug-09

## ANALYTICAL QC SUMMARY REPORT

TestCode: V\_8260S\_S

Sample ID: <b>MBLK-G090825-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/25/2009</b>	RunNo: <b>126200</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55086</b>	<b>SW5035</b>	Analysis Date: <b>8/25/2009</b>	SeqNo: <b>2369989</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	10									
1,2,3-Trimethylbenzene	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
1-Chlorobutane	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.0									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.0									
4-Methyl-2-pentanone	ND	50.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>MBLK-G090825-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/25/2009</b>	RunNo: <b>126200</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55086</b>	<b>SW5035</b>	Analysis Date: <b>8/25/2009</b>	SeqNo: <b>2369989</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10									
Allyl chloride	ND	5.0									
Benzene	ND	1.0									
Bromobenzene	ND	5.0									
Bromochloromethane	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	10									
Carbon disulfide	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	10									
Chloroform	ND	5.0									
Chloromethane	ND	10									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	4.0									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	10									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.0									
Ethyl methacrylate	ND	5.0									
Ethylbenzene	ND	5.0									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.0									
Hexachloroethane	ND	5.0									
Iodomethane	ND	10									
Isopropylbenzene	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09080849

Report Date: 27-Aug-09

Sample ID: <b>MBLK-G090825-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/25/2009</b>	RunNo: <b>126200</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55086</b>	<b>SW5035</b>	Analysis Date: <b>8/25/2009</b>	SeqNo: <b>2369989</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylenes	ND	5.0									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.0									
Methyl tert-butyl ether	ND	2.0									
Methylacrylate	ND	10									
Methylene chloride	ND	5.0									
Naphthalene	ND	10									
n-Butylbenzene	ND	5.0									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.0									
o-Xylene	ND	5.0									
Pentachloroethane	ND	5.0									
p-Isopropyltoluene	ND	5.0									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	4.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.0									
Surr: 1,2-Dichloroethane-d4	43.6		50.00		87.2	61	128				
Surr: 4-Bromofluorobenzene	52.5		50.00		105.0	78.2	117				
Surr: Dibromofluoromethane	49.4		50.00		98.9	66.6	130				
Surr: Toluene-d8	45.9		50.00		91.9	80.1	122				

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09080849

**Report Date:** 27-Aug-09

Carrier: Leslie Hoosier

Received By: EC

Completed by: *Marvin L. Darling II*

Reviewed by: *Heather A. White*

On:  
21-Aug-09  
Marvin L. Darling

On:  
21-Aug-09  
Heather A. White

Pages to follow: Chain of custody  Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 1.0
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA 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.





August 28, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09081034

Dear Pete Sazama:

TEKLAB, INC received 1 sample on 8/27/2009 7:30:00 AM for the analysis presented in the following report.

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

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,

A handwritten signature in black ink that reads "Heather A. White".

Heather A. White  
Project Manager  
(618)344-1004 ex 20

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09081034

**Report Date:** 28-Aug-09

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
09081034-001	Alley-1	1	8/26/2009 1:30:00 PM

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09081034

**Report Date:** 28-Aug-09

**Cooler Receipt Temp:** 3.2 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09081034  
**Lab ID:** 09081034-001  
**Report Date:** 28-Aug-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** Alley-1  
**Collection Date:** 8/26/2009 1:30:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		24.0	%	1	8/27/2009 4:00:00 PM	HMH
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		76.0	%	1	8/27/2009 4:00:00 PM	HMH
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		6.58		Interference	mg/Kg-dry	10	8/28/2009 7:11:52 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	6.58	S	26.8	mg/Kg-dry	10	8/28/2009 7:11:52 AM	RCE

### Sample Narrative

SW-846 9012A (Total)

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09081034

**Report Date:** 28-Aug-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09081034-001A	Alley-1	8/26/2009	Solid	EPA SW846 3550C, 5035A, ASTM D2974		8/27/2009 4:00:00 PM
				Standard Methods 18th Ed. 2540 G		8/27/2009 4:00:00 PM
				SW-846 9012A		8/28/2009 7:11:52 AM
				SW-846 9012A (Total)		8/28/2009 7:11:52 AM

**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- 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.
- 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. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- 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. (NELAC) The acceptable recovery range is listed in this report.
- LCS D** 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 this report.
- 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 this report.
- 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 this report.
- MDL** Method detection limit or limit of detection (LOD) 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.
- MB/LCB** Method blank or lab control 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 are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) 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 this report.
- 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 this report.
- 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. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

<b>Qualifiers</b>			
<b>DF</b> - Dilution Factor	<b>B</b> - Analyte detected in the associated Method Blank	<b>C</b> - Client requested RL below PQL	<b>MI</b> - Matrix interference
<b>RL</b> - Reporting Limit	<b>J</b> - Analyte detected below reporting limits	<b>D</b> - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	<b>R</b> - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	<b>S</b> - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count (> 200 CFU)	<b>X</b> - Value exceeds Maximum Contaminant Level	<b>#</b> - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 09081034

Report Date: 28-Aug-09

Sample ID: <b>09081034-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>126351</b>				
Client ID: <b>Alley-1MS</b>	Batch ID: <b>R126351</b>					Analysis Date: <b>8/28/2009</b>	SeqNo: <b>2373924</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	33.9	6.58	3.288	26.85	215.8	75	125				S

Sample ID: <b>09081034-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>126351</b>				
Client ID: <b>Alley-1MSD</b>	Batch ID: <b>R126351</b>					Analysis Date: <b>8/28/2009</b>	SeqNo: <b>2373925</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	36.5	6.58	3.288	26.85	292.9	75	125	33.95	7.19	15	S

Sample ID: <b>MB-R126351</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>126351</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126351</b>					Analysis Date: <b>8/28/2009</b>	SeqNo: <b>2374115</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	< 0.01	0.01									

Sample ID: <b>LCS-R126351</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>126351</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126351</b>					Analysis Date: <b>8/28/2009</b>	SeqNo: <b>2374116</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.09	0.01	0.1000	0	85.2	85	115				

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09081034

Report Date: 28-Aug-09

## ANALYTICAL QC SUMMARY REPORT

TestCode: I\_TS\_M\_MT

Sample ID: <b>LCS-R126332</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>126332</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R126332</b>		Analysis Date: <b>8/27/2009</b>	SeqNo: <b>2373429</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 99.0 90 110

Sample ID: <b>09081034-001ADUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>126332</b>							
Client ID: <b>Alley-1DUP</b>	Batch ID: <b>R126332</b>		Analysis Date: <b>8/27/2009</b>	SeqNo: <b>2373431</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 76.6 0.1 76.03 0.786 15

Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>126332</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R126332</b>		Analysis Date: <b>8/27/2009</b>	SeqNo: <b>2373467</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 99.0 90 110



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09081034

**Report Date:** 28-Aug-09

Carrier: Employee

Received By: MLA

Completed by:

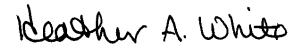


On:

27-Aug-09

Erin Clarke

Reviewed by:



On:

27-Aug-09

Heather A. White

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 3.2
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA 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 09494

09081034

Project Name: Amereon Campaign Project Mgr.: Pete Szama  
Project Number: 62403053 Cost Code: 600000

Sampler(s): L. Hoosier  
Laboratory Name: TELlab  
Location: Collinsville

Sample Number and (depth): Alley-1 Date: 8/26 Time: 1330

Analyses by Method Name and Number	Total Number of Containers	Matrix				Time	Comments (Field PID)	Lab ID #'s
		Soil	Water	Air	Wipes			
<u>Total Cyanide</u>	<u>1</u>	<u>X</u>					<u>* RUSH *</u>	<u>09081034-001</u>
<u>Amerob cyanide</u>								

Laboratory Temperature upon Receipt  
3.2 C

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: Pete Szama / Leslie Hoosier

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

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

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

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

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

**Shipping:**

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

**Relinquished by:**

Signature: Leslie Hoosier Date: 8/26 Time: 1350

Signature: Pete Szama Date: 8/27 Time: 7:30

**Received by:**

Signature: Pete Szama Date: 8/26 Time: 13:50

Signature: M. K. H. Date: 8/27 Time: 7:30

September 16, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09090325

Dear Pete Sazama:

TEKLAB, INC received 4 samples on 9/9/2009 5:30:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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,

A handwritten signature in black ink that reads 'Heather A. White'.

Heather A. White  
Project Manager  
(618)344-1004 ex 20

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09090325

**Report Date:** 16-Sep-09

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
09090325-001	P1-I4-W(2)	6	9/9/2009 9:10:00 AM
09090325-002	P1-I4-W(8)	6	9/9/2009 9:25:00 AM
09090325-003	P1-I4-W(16)	6	9/9/2009 11:10:00 AM
09090325-004	P1-F2-F(21)	6	9/9/2009 11:25:00 AM

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09090325

**Report Date:** 16-Sep-09

**Cooler Receipt Temp:** 6.0 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090325

**Client Sample ID:** P1-I4-W(2)

**Lab ID:** 09090325-001

**Collection Date:** 9/9/2009 9:10:00 AM

**Report Date:** 16-Sep-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		22.7	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		77.3	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		4.59	mg/Kg-dry	1	9/11/2009 11:17:30 AM	LAL
Barium	NELAP	0.50		146	mg/Kg-dry	1	9/11/2009 11:17:30 AM	LAL
Cadmium	NELAP	0.20		0.47	mg/Kg-dry	1	9/11/2009 11:17:30 AM	LAL
Chromium	NELAP	1.00		27.9	mg/Kg-dry	1	9/11/2009 11:17:30 AM	LAL
Lead	NELAP	4.00		16.4	mg/Kg-dry	1	9/11/2009 11:17:30 AM	LAL
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	9/11/2009 11:17:30 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.577	< 0.577	mg/Kg-dry	1	9/11/2009 11:36:18 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.212		ND	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Acenaphthylene	NELAP	0.212		1.84	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Anthracene	NELAP	0.212	J	0.21	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Benzo(a)anthracene	NELAP	0.212		0.559	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Benzo(a)pyrene	NELAP	0.212		1.35	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.212		1.30	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.212		1.03	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.212		0.443	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	4.18		ND	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Chrysene	NELAP	0.212		0.483	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.212		0.243	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Fluoranthene	NELAP	0.212		0.460	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Fluorene	NELAP	0.212		0.223	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.212		0.803	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Naphthalene	NELAP	0.212		ND	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Phenanthrene	NELAP	0.212		0.223	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Pyrene	NELAP	0.212		1.68	mg/Kg-dry	25	9/10/2009 9:48:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		48.0	%REC	25	9/10/2009 9:48:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		49.0	%REC	25	9/10/2009 9:48:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		74.0	%REC	25	9/10/2009 9:48:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
1,2-Dichlorobenzene	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
1,3-Dichlorobenzene	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
1,4-Dichlorobenzene	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090325

**Client Sample ID:** P1-I4-W(2)

**Lab ID:** 09090325-001

**Collection Date:** 9/9/2009 9:10:00 AM

**Report Date:** 16-Sep-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
2,4,5-Trichlorophenol	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
2,4-Dichlorophenol	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
2,4-Dimethylphenol	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
2,4-Dinitrophenol	NELAP	12.8		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
2,4-Dinitrotoluene	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
2,6-Dinitrotoluene	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
2-Chloronaphthalene	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
2-Chlorophenol	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
2-Methoxy-4-methylphenol		8.32		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
2-Methylnaphthalene	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
2-Nitroaniline	NELAP	12.8		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
2-Nitrophenol	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
3-Nitroaniline	NELAP	12.8		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	12.8		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
4-Chloroaniline	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
4-Nitroaniline	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
4-Nitrophenol	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Aniline	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Azobenzene		4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Benzidine	NELAP	13.5		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Benzoic acid	NELAP	19.2		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Benzyl alcohol	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Butyl benzyl phthalate	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Carbazole		6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Dibenzofuran	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Diethyl phthalate	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Dimethyl phthalate	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Di-n-butyl phthalate	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Di-n-octyl phthalate	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Hexachlorobenzene	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090325

**Client Sample ID:** P1-I4-W(2)

**Lab ID:** 09090325-001

**Collection Date:** 9/9/2009 9:10:00 AM

**Report Date:** 16-Sep-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Hexachloroethane	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Isophorone	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
m,p-Cresol	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Nitrobenzene	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
N-Nitrosodimethylamine	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
o-Cresol	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Pentachlorophenol	NELAP	25.6		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Phenol	NELAP	4.48		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Pyridine	NELAP	6.40		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
1,2-Diphenylhydrazine		10.8		ND	mg/Kg-dry	10	9/14/2009 11:48:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		86.4	%REC	10	9/14/2009 11:48:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		82.2	%REC	10	9/14/2009 11:48:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		62.1	%REC	10	9/14/2009 11:48:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		75.8	%REC	10	9/14/2009 11:48:00 PM	DMH
Surr: Phenol-d5		34.9-110		67.5	%REC	10	9/14/2009 11:48:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		90.2	%REC	10	9/14/2009 11:48:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,1,1-Trichloroethane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,1,2-Trichloroethane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,1-Dichloro-2-propanone		1330		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,1-Dichloroethane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,1-Dichloroethene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,1-Dichloropropene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,2,3-Trichloropropane	NELAP	266		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,2,3-Trimethylbenzene		133	J	75	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	133	J	120	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,2-Dibromoethane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,2-Dichlorobenzene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-001  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I4-W(2)  
**Collection Date:** 9/9/2009 9:10:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,2-Dichloropropane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	133	J	46	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,3-Dichlorobenzene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,3-Dichloropropane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1,4-Dichlorobenzene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
1-Chlorobutane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
2,2-Dichloropropane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
2-Butanone	NELAP	1330		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
2-Chlorotoluene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
2-Hexanone	NELAP	1330		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
2-Nitropropane	NELAP	1330		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
4-Chlorotoluene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1330		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Acetone	NELAP	1330		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Acrolein	NELAP	2660		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Acrylonitrile	NELAP	266		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Allyl chloride	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Benzene	NELAP	26.6		37.4	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Bromobenzene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Bromochloromethane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Bromodichloromethane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Bromoform	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Bromomethane	NELAP	266		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Carbon disulfide	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Carbon tetrachloride	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Chlorobenzene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Chloroethane	NELAP	266		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Chloroform	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Chloromethane	NELAP	266		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	106		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Cyclohexanone		2660		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Dibromochloromethane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Dibromomethane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Dichlorodifluoromethane	NELAP	266		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Ethyl acetate	NELAP	1330		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Ethyl ether	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-001  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I4-W(2)  
**Collection Date:** 9/9/2009 9:10:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Ethylbenzene	NELAP	133	J	39	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Heptane		531		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Hexachlorobutadiene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Hexachloroethane	NELAP	133	J	27	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Iodomethane	NELAP	266		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Isopropylbenzene	NELAP	133	J	31	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
m,p-Xylenes	NELAP	133	J	110	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Methacrylonitrile	NELAP	1330		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Methyl Methacrylate	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Methyl tert-butyl ether	NELAP	53.1		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Methylacrylate		266		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Methylene chloride	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Naphthalene	NELAP	266		660	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
n-Butylbenzene	NELAP	133	J	29	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
n-Hexane		531		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Nitrobenzene	NELAP	2660		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
n-Propylbenzene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
o-Xylene	NELAP	133	J	59	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Pentachloroethane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
p-Isopropyltoluene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Propionitrile	NELAP	1330		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
sec-Butylbenzene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Styrene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
tert-Butylbenzene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Tetrachloroethene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Tetrahydrofuran	NELAP	1330		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Toluene	NELAP	133	J	80	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	106		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Trichloroethene	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Trichlorofluoromethane	NELAP	133		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Vinyl acetate	NELAP	1330		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Vinyl chloride	NELAP	53.1		ND	µg/Kg-dry	12.5	9/11/2009 1:44:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		81.6	%REC	12.5	9/11/2009 1:44:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		102.4	%REC	12.5	9/11/2009 1:44:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		90.5	%REC	12.5	9/11/2009 1:44:00 PM	RWE
Surr: Toluene-d8		80.1-122		92.7	%REC	12.5	9/11/2009 1:44:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-001  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I4-W(2)  
**Collection Date:** 9/9/2009 9:10:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		<b>0.062</b>	mg/Kg-dry	1	9/9/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.59		<b>Interference</b>	mg/Kg-dry	4	9/10/2009 9:03:26 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	2.59		<b>17.5</b>	mg/Kg-dry	4	9/10/2009 9:03:26 AM	RCE
<b><u>SW-846 9045C</u></b>								
pH (1:1)	NELAP	1.00		<b>7.09</b>		1	9/9/2009 10:00:00 PM	LMK

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090325

**Client Sample ID:** P1-I4-W(8)

**Lab ID:** 09090325-002

**Collection Date:** 9/9/2009 9:25:00 AM

**Report Date:** 16-Sep-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		21.9	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		78.1	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		4.25	mg/Kg-dry	1	9/11/2009 11:24:18 AM	LAL
Barium	NELAP	0.50		97.2	mg/Kg-dry	1	9/11/2009 11:24:18 AM	LAL
Cadmium	NELAP	0.20		0.35	mg/Kg-dry	1	9/11/2009 11:24:18 AM	LAL
Chromium	NELAP	1.00		22.8	mg/Kg-dry	1	9/11/2009 11:24:18 AM	LAL
Lead	NELAP	4.00		14.7	mg/Kg-dry	1	9/11/2009 11:24:18 AM	LAL
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	9/11/2009 11:24:18 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.556	< 0.556	mg/Kg-dry	1	9/11/2009 11:39:40 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.043		0.308	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Acenaphthylene	NELAP	0.043		0.077	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Anthracene	NELAP	0.043		0.111	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Benzo(a)anthracene	NELAP	0.043		0.097	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Benzo(a)pyrene	NELAP	0.043		0.071	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.043		0.074	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.043		0.043	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.043		ND	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.853		ND	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Chrysene	NELAP	0.043		0.062	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.043		ND	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Fluoranthene	NELAP	0.043		0.136	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Fluorene	NELAP	0.043		0.183	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.043		ND	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Naphthalene	NELAP	0.043		0.194	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Phenanthrene	NELAP	0.043		0.480	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Pyrene	NELAP	0.043		0.193	mg/Kg-dry	5	9/10/2009 7:12:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		49.6	%REC	5	9/10/2009 7:12:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		51.6	%REC	5	9/10/2009 7:12:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		78.6	%REC	5	9/10/2009 7:12:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
1,2-Dichlorobenzene	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
1,3-Dichlorobenzene	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
1,4-Dichlorobenzene	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-002  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I4-W(8)  
**Collection Date:** 9/9/2009 9:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
2,4-Dichlorophenol	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
2,4-Dimethylphenol	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
2,4-Dinitrophenol	NELAP	6.23		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
2,4-Dinitrotoluene	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
2,6-Dinitrotoluene	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
2-Chloronaphthalene	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
2-Chlorophenol	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
2-Methoxy-4-methylphenol		4.05		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
2-Methylnaphthalene	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
2-Nitroaniline	NELAP	6.23		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
2-Nitrophenol	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
3-Nitroaniline	NELAP	6.23		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	6.23		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
4-Chloroaniline	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
4-Nitroaniline	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
4-Nitrophenol	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Aniline	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Azobenzene		2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Benzidine	NELAP	6.58		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Benzoic acid	NELAP	9.35		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Benzyl alcohol	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Butyl benzyl phthalate	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Carbazole		3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Dibenzofuran	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Diethyl phthalate	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Dimethyl phthalate	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Di-n-butyl phthalate	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Di-n-octyl phthalate	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Hexachlorobenzene	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-002  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I4-W(8)  
**Collection Date:** 9/9/2009 9:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Hexachloroethane	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Isophorone	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
m,p-Cresol	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Nitrobenzene	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
N-Nitrosodimethylamine	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
o-Cresol	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Pentachlorophenol	NELAP	12.5		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Phenol	NELAP	2.18		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Pyridine	NELAP	3.12		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
1,2-Diphenylhydrazine		5.23		ND	mg/Kg-dry	5	9/15/2009 12:20:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		93.7	%REC	5	9/15/2009 12:20:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		94.6	%REC	5	9/15/2009 12:20:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		74.9	%REC	5	9/15/2009 12:20:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		83.4	%REC	5	9/15/2009 12:20:00 AM	DMH
Surr: Phenol-d5		34.9-110		73.8	%REC	5	9/15/2009 12:20:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		103.4	%REC	5	9/15/2009 12:20:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,1,1-Trichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,1,2-Trichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,1-Dichloro-2-propanone		1200		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,1-Dichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,1-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,1-Dichloropropene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,2,3-Trichloropropane	NELAP	241		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,2,3-Trimethylbenzene		120		225	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	120		208	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,2-Dibromoethane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,2-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-002  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I4-W(8)  
**Collection Date:** 9/9/2009 9:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,2-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	120	J	29	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,3-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,3-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1,4-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
1-Chlorobutane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
2,2-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
2-Butanone	NELAP	1200	J	250	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
2-Chlorotoluene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
2-Hexanone	NELAP	1200		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
2-Nitropropane	NELAP	1200		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
4-Chlorotoluene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1200		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Acetone	NELAP	1200		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Acrolein	NELAP	2410		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Acrylonitrile	NELAP	241		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Allyl chloride	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Benzene	NELAP	24.1		72.7	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Bromobenzene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Bromochloromethane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Bromodichloromethane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Bromoform	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Bromomethane	NELAP	241		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Carbon disulfide	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Carbon tetrachloride	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Chlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Chloroethane	NELAP	241		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Chloroform	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Chloromethane	NELAP	241		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	96.3		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Cyclohexanone		2410		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Dibromochloromethane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Dibromomethane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Dichlorodifluoromethane	NELAP	241		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Ethyl acetate	NELAP	1200		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Ethyl ether	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-002  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I4-W(8)  
**Collection Date:** 9/9/2009 9:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Ethylbenzene	NELAP	120		932	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Heptane		481		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Hexachlorobutadiene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Hexachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Iodomethane	NELAP	241		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Isopropylbenzene	NELAP	120		291	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
m,p-Xylenes	NELAP	120	J	25	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Methacrylonitrile	NELAP	1200		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Methyl Methacrylate	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Methyl tert-butyl ether	NELAP	48.1		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Methylacrylate		241		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Methylene chloride	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Naphthalene	NELAP	241		502	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
n-Butylbenzene	NELAP	120		282	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
n-Hexane		481	J	55	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Nitrobenzene	NELAP	2410		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
n-Propylbenzene	NELAP	120		178	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
o-Xylene	NELAP	120	J	62	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Pentachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
p-Isopropyltoluene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Propionitrile	NELAP	1200		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
sec-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Styrene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
tert-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Tetrachloroethene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Tetrahydrofuran	NELAP	1200		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Toluene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	96.3		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Trichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Trichlorofluoromethane	NELAP	120		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Vinyl acetate	NELAP	1200		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Vinyl chloride	NELAP	48.1		ND	µg/Kg-dry	12.5	9/11/2009 2:10:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		91.7	%REC	12.5	9/11/2009 2:10:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		110.9	%REC	12.5	9/11/2009 2:10:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		104.6	%REC	12.5	9/11/2009 2:10:00 PM	RWE
Surr: Toluene-d8		80.1-122		87.1	%REC	12.5	9/11/2009 2:10:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-002  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I4-W(8)  
**Collection Date:** 9/9/2009 9:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		<b>0.048</b>	mg/Kg-dry	1	9/9/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.640		<b>&lt; 0.640</b>	mg/Kg-dry	1	9/10/2009 9:03:26 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.64	S	<b>6.65</b>	mg/Kg-dry	1	9/10/2009 9:03:26 AM	RCE
<b><u>SW-846 9045C</u></b>								
pH (1:1)	NELAP	1.00		<b>7.49</b>		1	9/9/2009 10:03:00 PM	LMK

### Sample Narrative

SW-846 9012A (Total)

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

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-003  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I4-W(16)  
**Collection Date:** 9/9/2009 11:10:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		11.2	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.8	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		5.49	mg/Kg-dry	1	9/11/2009 11:31:05 AM	LAL
Barium	NELAP	0.48		27.4	mg/Kg-dry	1	9/11/2009 11:31:05 AM	LAL
Cadmium	NELAP	0.19		0.38	mg/Kg-dry	1	9/11/2009 11:31:05 AM	LAL
Chromium	NELAP	0.96		17.6	mg/Kg-dry	1	9/11/2009 11:31:05 AM	LAL
Lead	NELAP	3.85		19.5	mg/Kg-dry	1	9/11/2009 11:31:05 AM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	9/11/2009 11:31:05 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.545		< 0.545	mg/Kg-dry	1	9/11/2009 11:43:02 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.072		0.704	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Acenaphthylene	NELAP	0.072		2.34	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Anthracene	NELAP	0.072		1.34	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Benzo(a)anthracene	NELAP	0.072		0.783	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Benzo(a)pyrene	NELAP	0.072		0.769	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.072		0.591	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.072		0.352	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.072		0.195	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	1.42		ND	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Chrysene	NELAP	0.072		0.800	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.072		0.084	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Fluoranthene	NELAP	0.072		1.73	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Fluorene	NELAP	0.072		1.46	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.072		0.267	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Naphthalene	NELAP	0.072		28.7	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Phenanthrene	NELAP	0.072		4.55	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Pyrene	NELAP	0.072		2.45	mg/Kg-dry	10	9/10/2009 10:58:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		68.0	%REC	10	9/10/2009 10:58:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		58.0	%REC	10	9/10/2009 10:58:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		78.0	%REC	10	9/10/2009 10:58:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
1,2-Dichlorobenzene	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
1,3-Dichlorobenzene	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
1,4-Dichlorobenzene	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-003  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I4-W(16)  
**Collection Date:** 9/9/2009 11:10:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
2,4,5-Trichlorophenol	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
2,4-Dichlorophenol	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
2,4-Dimethylphenol	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
2,4-Dinitrophenol	NELAP	5.51		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
2,4-Dinitrotoluene	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
2,6-Dinitrotoluene	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
2-Chloronaphthalene	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
2-Chlorophenol	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
2-Methoxy-4-methylphenol		3.58		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
2-Methylnaphthalene	NELAP	1.93		19.3	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
2-Nitroaniline	NELAP	5.51		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
2-Nitrophenol	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
3-Nitroaniline	NELAP	5.51		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	5.51		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
4-Chloroaniline	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
4-Nitroaniline	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
4-Nitrophenol	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Aniline	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Azobenzene		1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Benzidine	NELAP	5.82		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Benzoic acid	NELAP	8.27		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Benzyl alcohol	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Butyl benzyl phthalate	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Carbazole		2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Dibenzofuran	NELAP	1.93	J	0.90	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Diethyl phthalate	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Dimethyl phthalate	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Di-n-butyl phthalate	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Di-n-octyl phthalate	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Hexachlorobenzene	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-003  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I4-W(16)  
**Collection Date:** 9/9/2009 11:10:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Hexachloroethane	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Isophorone	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
m,p-Cresol	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Nitrobenzene	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
N-Nitrosodimethylamine	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
o-Cresol	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Pentachlorophenol	NELAP	11.0		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Phenol	NELAP	1.93		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Pyridine	NELAP	2.76		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
1,2-Diphenylhydrazine		4.63		ND	mg/Kg-dry	5	9/15/2009 12:51:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		57.2	%REC	5	9/15/2009 12:51:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		86.8	%REC	5	9/15/2009 12:51:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		71.0	%REC	5	9/15/2009 12:51:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		76.2	%REC	5	9/15/2009 12:51:00 AM	DMH
Surr: Phenol-d5		34.9-110		70.8	%REC	5	9/15/2009 12:51:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		94.6	%REC	5	9/15/2009 12:51:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,1,1-Trichloroethane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,1,2-Trichloroethane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,1-Dichloro-2-propanone		39400		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,1-Dichloroethane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,1-Dichloroethene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,1-Dichloropropene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,2,3-Trichloropropane	NELAP	7870		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,2,3-Trimethylbenzene		3940	J	2200	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	3940		5570	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,2-Dibromoethane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,2-Dichlorobenzene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-003  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I4-W(16)  
**Collection Date:** 9/9/2009 11:10:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,2-Dichloropropane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	3940	J	1300	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,3-Dichlorobenzene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,3-Dichloropropane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1,4-Dichlorobenzene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
1-Chlorobutane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
2,2-Dichloropropane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
2-Butanone	NELAP	39400		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
2-Chlorotoluene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
2-Hexanone	NELAP	39400		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
2-Nitropropane	NELAP	39400		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
4-Chlorotoluene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
4-Methyl-2-pentanone	NELAP	39400		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Acetone	NELAP	39400		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Acrolein	NELAP	78700		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Acrylonitrile	NELAP	7870		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Allyl chloride	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Benzene	NELAP	787		7540	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Bromobenzene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Bromochloromethane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Bromodichloromethane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Bromoform	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Bromomethane	NELAP	7870		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Carbon disulfide	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Carbon tetrachloride	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Chlorobenzene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Chloroethane	NELAP	7870		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Chloroform	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Chloromethane	NELAP	7870		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	3150		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Cyclohexanone		78700		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Dibromochloromethane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Dibromomethane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Dichlorodifluoromethane	NELAP	7870		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Ethyl acetate	NELAP	39400		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Ethyl ether	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-003  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I4-W(16)  
**Collection Date:** 9/9/2009 11:10:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Ethylbenzene	NELAP	3940		7020	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Heptane		15700		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Hexachlorobutadiene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Hexachloroethane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Iodomethane	NELAP	7870		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Isopropylbenzene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
m,p-Xylenes	NELAP	3940		8690	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Methacrylonitrile	NELAP	39400		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Methyl Methacrylate	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Methyl tert-butyl ether	NELAP	1570		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Methylacrylate		7870		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Methylene chloride	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Naphthalene	NELAP	7870		108000	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
n-Butylbenzene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
n-Hexane		15700		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Nitrobenzene	NELAP	78700		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
n-Propylbenzene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
o-Xylene	NELAP	3940		5750	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Pentachloroethane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
p-Isopropyltoluene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Propionitrile	NELAP	39400		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
sec-Butylbenzene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Styrene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
tert-Butylbenzene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Tetrachloroethene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Tetrahydrofuran	NELAP	39400		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Toluene	NELAP	3940	J	3300	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	3150		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Trichloroethene	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Trichlorofluoromethane	NELAP	3940		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Vinyl acetate	NELAP	39400		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Vinyl chloride	NELAP	1570		ND	µg/Kg-dry	500	9/10/2009 11:00:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		97.4	%REC	500	9/10/2009 11:00:00 AM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		105.4	%REC	500	9/10/2009 11:00:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		109.5	%REC	500	9/10/2009 11:00:00 AM	RWE
Surr: Toluene-d8		80.1-122		88.3	%REC	500	9/10/2009 11:00:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-003  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I4-W(16)  
**Collection Date:** 9/9/2009 11:10:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		<b>0.338</b>	mg/Kg-dry	1	9/9/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.563		<b>&lt; 0.563</b>	mg/Kg-dry	1	9/10/2009 9:03:26 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56		<b>0.82</b>	mg/Kg-dry	1	9/10/2009 9:03:26 AM	RCE
<b><u>SW-846 9045C</u></b>								
pH (1:1)	NELAP	1.00		<b>8.40</b>		1	9/9/2009 10:05:00 PM	LMK

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-004  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-F2-F(21)  
**Collection Date:** 9/9/2009 11:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		10.7	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.3	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		4.26	mg/Kg-dry	1	9/11/2009 11:37:44 AM	LAL
Barium	NELAP	0.50		19.8	mg/Kg-dry	1	9/11/2009 11:37:44 AM	LAL
Cadmium	NELAP	0.20		0.34	mg/Kg-dry	1	9/11/2009 11:37:44 AM	LAL
Chromium	NELAP	1.00		17.7	mg/Kg-dry	1	9/11/2009 11:37:44 AM	LAL
Lead	NELAP	4.00		10.1	mg/Kg-dry	1	9/11/2009 11:37:44 AM	LAL
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	9/11/2009 11:37:44 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	9/11/2009 11:46:24 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.378		1.22	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Acenaphthylene	NELAP	0.378		7.96	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Anthracene	NELAP	0.378		4.09	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Benzo(a)anthracene	NELAP	0.378		2.99	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Benzo(a)pyrene	NELAP	0.378		3.12	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.378		2.27	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.378		1.42	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.378		0.757	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	7.46		ND	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Chrysene	NELAP	0.378		3.04	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.378		ND	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Fluoranthene	NELAP	0.378		5.68	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Fluorene	NELAP	0.378		4.62	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.378		1.03	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Naphthalene	NELAP	0.378		36.5	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Phenanthrene	NELAP	0.378		14.8	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Pyrene	NELAP	0.378		8.17	mg/Kg-dry	50	9/10/2009 11:33:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		68.0	%REC	50	9/10/2009 11:33:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		62.0	%REC	50	9/10/2009 11:33:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		78.0	%REC	50	9/10/2009 11:33:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
1,2-Dichlorobenzene	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
1,3-Dichlorobenzene	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
1,4-Dichlorobenzene	NELAP	5.49	S	ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-004  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-F2-F(21)  
**Collection Date:** 9/9/2009 11:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
2,4-Dichlorophenol	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
2,4-Dimethylphenol	NELAP	5.49	S	ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
2,4-Dinitrophenol	NELAP	11.0	S	ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
2,4-Dinitrotoluene	NELAP	3.84	S	ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
2,6-Dinitrotoluene	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
2-Chloronaphthalene	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
2-Chlorophenol	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
2-Methoxy-4-methylphenol		7.14		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
2-Methylnaphthalene	NELAP	3.84		4.24	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
2-Nitroaniline	NELAP	11.0		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
2-Nitrophenol	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
3-Nitroaniline	NELAP	11.0		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	11.0		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
4-Chloroaniline	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
4-Nitroaniline	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
4-Nitrophenol	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Aniline	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Azobenzene		3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Benzidine	NELAP	11.6		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Benzoic acid	NELAP	16.5		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Benzyl alcohol	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Butyl benzyl phthalate	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Carbazole		5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Dibenzofuran	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Diethyl phthalate	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Dimethyl phthalate	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Di-n-butyl phthalate	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Di-n-octyl phthalate	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Hexachlorobenzene	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-004  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-F2-F(21)  
**Collection Date:** 9/9/2009 11:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Hexachloroethane	NELAP	5.49	S	ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Isophorone	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
m,p-Cresol	NELAP	5.49	S	ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Nitrobenzene	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
N-Nitrosodimethylamine	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
o-Cresol	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Pentachlorophenol	NELAP	22.0	S	ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Phenol	NELAP	3.84		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Pyridine	NELAP	5.49		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
1,2-Diphenylhydrazine		9.22		ND	mg/Kg-dry	10	9/15/2009 1:23:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		35.1	%REC	10	9/15/2009 1:23:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		75.0	%REC	10	9/15/2009 1:23:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		66.9	%REC	10	9/15/2009 1:23:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		69.9	%REC	10	9/15/2009 1:23:00 AM	DMH
Surr: Phenol-d5		34.9-110		70.9	%REC	10	9/15/2009 1:23:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		103.4	%REC	10	9/15/2009 1:23:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,1,1-Trichloroethane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,1,2-Trichloroethane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,1-Dichloro-2-propanone		32300		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,1-Dichloroethane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,1-Dichloroethene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,1-Dichloropropene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,2,3-Trichloropropane	NELAP	6460		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,2,3-Trimethylbenzene		3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	3230	J	1400	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,2-Dibromoethane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,2-Dichlorobenzene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-004  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-F2-F(21)  
**Collection Date:** 9/9/2009 11:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,2-Dichloropropane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,3-Dichlorobenzene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,3-Dichloropropane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1,4-Dichlorobenzene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
1-Chlorobutane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
2,2-Dichloropropane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
2-Butanone	NELAP	32300		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
2-Chlorotoluene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
2-Hexanone	NELAP	32300		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
2-Nitropropane	NELAP	32300		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
4-Chlorotoluene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
4-Methyl-2-pentanone	NELAP	32300		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Acetone	NELAP	32300		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Acrolein	NELAP	64600		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Acrylonitrile	NELAP	6460		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Allyl chloride	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Benzene	NELAP	646		16100	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Bromobenzene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Bromochloromethane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Bromodichloromethane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Bromoform	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Bromomethane	NELAP	6460		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Carbon disulfide	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Carbon tetrachloride	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Chlorobenzene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Chloroethane	NELAP	6460		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Chloroform	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Chloromethane	NELAP	6460		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	2580		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Cyclohexanone		64600		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Dibromochloromethane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Dibromomethane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Dichlorodifluoromethane	NELAP	6460		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Ethyl acetate	NELAP	32300		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Ethyl ether	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-004  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-F2-F(21)  
**Collection Date:** 9/9/2009 11:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Ethylbenzene	NELAP	3230	J	1100	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Heptane		12900		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Hexachlorobutadiene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Hexachloroethane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Iodomethane	NELAP	6460		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Isopropylbenzene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
m,p-Xylenes	NELAP	3230		3690	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Methacrylonitrile	NELAP	32300		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Methyl Methacrylate	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Methyl tert-butyl ether	NELAP	1290		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Methylacrylate		6460		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Methylene chloride	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Naphthalene	NELAP	6460		30900	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
n-Butylbenzene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
n-Hexane		12900		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Nitrobenzene	NELAP	64600		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
n-Propylbenzene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
o-Xylene	NELAP	3230	J	1900	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Pentachloroethane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
p-Isopropyltoluene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Propionitrile	NELAP	32300		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
sec-Butylbenzene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Styrene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
tert-Butylbenzene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Tetrachloroethene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Tetrahydrofuran	NELAP	32300		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Toluene	NELAP	3230		19000	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	2580		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Trichloroethene	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Trichlorofluoromethane	NELAP	3230		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Vinyl acetate	NELAP	32300		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Vinyl chloride	NELAP	1290		ND	µg/Kg-dry	500	9/10/2009 11:27:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		95.8	%REC	500	9/10/2009 11:27:00 AM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		99.8	%REC	500	9/10/2009 11:27:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		106.9	%REC	500	9/10/2009 11:27:00 AM	RWE
Surr: Toluene-d8		80.1-122		88.3	%REC	500	9/10/2009 11:27:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090325  
**Lab ID:** 09090325-004  
**Report Date:** 16-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-F2-F(21)  
**Collection Date:** 9/9/2009 11:25:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.009</b>	mg/Kg-dry	1	9/9/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.560		<b>Interference</b>	mg/Kg-dry	1	9/10/2009 9:03:26 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56	J	<b>0.51</b>	mg/Kg-dry	1	9/10/2009 9:03:26 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

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

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

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09090325

**Report Date:** 16-Sep-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09090325-001A	P1-I4-W(2)	9/9/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:52:17 AM	9/10/2009 9:48:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:49:33 AM	9/10/2009 8:39:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	9/14/2009 11:37:41 AM	9/14/2009 11:48:00 PM
09090325-001B				SW-846 3050B, 6010B, Metals by ICP	9/10/2009 8:36:25 AM	9/11/2009 11:17:30 AM
				SW-846 3050B, Metals by GFAA	9/10/2009 8:34:14 AM	9/11/2009 11:36:18 AM
				SW-846 7471A	9/9/2009 6:00:00 PM	9/9/2009
09090325-001C				EPA SW846 3550C, 5035A, ASTM D2974		9/9/2009 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		9/9/2009 6:00:00 PM
				SW-846 9012A		9/10/2009 9:03:26 AM
				SW-846 9012A (Total)		9/10/2009 9:03:26 AM
				SW-846 9045C		9/9/2009 10:00:00 PM
09090325-001F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/11/2009 1:44:00 PM
09090325-002A	P1-I4-W(8)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:52:17 AM	9/10/2009 10:23:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:52:17 AM	9/10/2009 7:12:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:49:33 AM	9/10/2009 10:12:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:49:33 AM	9/11/2009 4:00:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	9/14/2009 11:37:41 AM	9/15/2009 12:20:00 AM
09090325-002B				SW-846 3050B, 6010B, Metals by ICP	9/10/2009 8:36:25 AM	9/11/2009 11:24:18 AM
				SW-846 3050B, Metals by GFAA	9/10/2009 8:34:14 AM	9/11/2009 11:39:40 AM
				SW-846 7471A	9/9/2009 6:00:00 PM	9/9/2009
09090325-002C				EPA SW846 3550C, 5035A, ASTM D2974		9/9/2009 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		9/9/2009 6:00:00 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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**Client:** PSC Industrial Outsourcing, LP  
**Project:** A831-735002-012901-225/Ameren Champaign 62403053  
**Lab Order:** 09090325  
**Report Date:** 16-Sep-09

## DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09090325-002C	P1-I4-W(8)	9/9/2009	Solid	SW-846 9012A		9/10/2009 9:03:26 AM
				SW-846 9012A (Total)		9/10/2009 9:03:26 AM
				SW-846 9045C		9/9/2009 10:03:00 PM
09090325-002F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/11/2009 2:10:00 PM
09090325-003A	P1-I4-W(16)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:52:17 AM	9/10/2009 10:58:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:49:33 AM	9/10/2009 10:44:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	9/14/2009 11:37:41 AM	9/15/2009 12:51:00 AM
09090325-003B				SW-846 3050B, 6010B, Metals by ICP	9/10/2009 8:36:25 AM	9/11/2009 11:31:05 AM
				SW-846 3050B, Metals by GFAA	9/10/2009 8:34:14 AM	9/11/2009 11:43:02 AM
				SW-846 7471A	9/9/2009 6:00:00 PM	9/9/2009
				SW-846 7471A	9/9/2009 6:00:00 PM	9/9/2009
09090325-003C				EPA SW846 3550C, 5035A, ASTM D2974		9/9/2009 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		9/9/2009 6:00:00 PM
				SW-846 9012A		9/10/2009 9:03:26 AM
				SW-846 9012A (Total)		9/10/2009 9:03:26 AM
				SW-846 9045C		9/9/2009 10:05:00 PM
09090325-003F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/10/2009 11:00:00 AM
09090325-004A	P1-F2-F(21)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:52:17 AM	9/10/2009 11:33:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:49:33 AM	9/10/2009 11:16:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	9/14/2009 11:37:41 AM	9/15/2009 1:23:00 AM
09090325-004B				SW-846 3050B, 6010B, Metals by ICP	9/10/2009 8:36:25 AM	9/11/2009 11:37:44 AM
				SW-846 3050B, Metals by GFAA	9/10/2009 8:34:14 AM	9/11/2009 11:46:24 AM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP**DATES REPORT****Project:** A831-735002-012901-225/Ameren Champaign 62403053**Lab Order:** 09090325**Report Date:** 16-Sep-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09090325-004B	P1-F2-F(21)	9/9/2009	Solid	SW-846 7471A	9/9/2009 6:00:00 PM	9/9/2009
09090325-004C				EPA SW846 3550C, 5035A, ASTM D2974		9/9/2009 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		9/9/2009 6:00:00 PM
				SW-846 9012A		9/10/2009 9:03:26 AM
				SW-846 9012A (Total)		9/10/2009 9:03:26 AM
09090325-004F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/10/2009 11:27:00 AM



**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- 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.
- 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. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- 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. (NELAC) The acceptable recovery range is listed in this report.
- LCS D** 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 this report.
- 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 this report.
- 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 this report.
- MDL** Method detection limit or limit of detection (LOD) 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.
- MB/LCB** Method blank or lab control 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 are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) 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 this report.
- 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 this report.
- 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. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

<b>Qualifiers</b>			
<b>DF</b> - Dilution Factor	<b>B</b> - Analyte detected in the associated Method Blank	<b>C</b> - Client requested RL below PQL	<b>MI</b> - Matrix interference
<b>RL</b> - Reporting Limit	<b>J</b> - Analyte detected below reporting limits	<b>D</b> - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	<b>R</b> - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	<b>S</b> - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count (> 200 CFU)	<b>X</b> - Value exceeds Maximum Contaminant Level	<b>#</b> - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>09090325-002CMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>126710</b>				
Client ID: <b>P1-I4-W(8)MS</b>	Batch ID: <b>R126710</b>					Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381111</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	7.98	0.64	3.201	6.649	41.7	75	125				S

Sample ID: <b>09090325-002CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>126710</b>				
Client ID: <b>P1-I4-W(8)MSD</b>	Batch ID: <b>R126710</b>					Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381112</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	7.41	0.64	3.201	6.649	23.7	75	125	7.982	7.48	15	S

Sample ID: <b>MB-R126710</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>126710</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126710</b>					Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2384056</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	< 0.01	0.01									

Sample ID: <b>LCS-R126710</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>126710</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126710</b>					Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2384057</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.09	0.01	0.1000	0	89.6	85	115				

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09090325

Report Date: 16-Sep-09

## ANALYTICAL QC SUMMARY REPORT

TestCode: I\_TS\_M\_MT

Sample ID: <b>LCS-R126693</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>126693</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126693</b>		Analysis Date: <b>9/9/2009</b>	SeqNo: <b>2380704</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	0.9	0.1	1.000	0	91.0	90	110				
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Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>126693</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126693</b>		Analysis Date: <b>9/9/2009</b>	SeqNo: <b>2380715</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	1.0	0.1	1.000	0	100	90	110				
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Sample ID: <b>09090325-001CDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>126693</b>							
Client ID: <b>P1-I4-W(2)DUP</b>	Batch ID: <b>R126693</b>		Analysis Date: <b>9/9/2009</b>	SeqNo: <b>2380717</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	77.6	0.1						77.30	0.362	15	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: L\_PH\_S\_M

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>LCS-R126713</b>	SampType: <b>LCS</b>	Units:	Prep Date:	RunNo: <b>126713</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126713</b>		Analysis Date: <b>9/9/2009</b>	SeqNo: <b>2381139</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH (1:1)	6.95	1.00	7.000	0	99.3	99.1	100.9				

Sample ID: <b>09090325-003CDUP</b>	SampType: <b>DUP</b>	Units:	Prep Date:	RunNo: <b>126713</b>							
Client ID: <b>P1-I4-W(16)DUP</b>	Batch ID: <b>R126713</b>		Analysis Date: <b>9/9/2009</b>	SeqNo: <b>2381203</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH (1:1)	8.46	1.00						8.400	0.712	10	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: M\_HG\_SOLID

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>MB-55348</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/9/2009</b>	RunNo: <b>126678</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55348</b>	<b>SOP 3063</b>	Analysis Date: <b>9/9/2009</b>	SeqNo: <b>2380987</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	< 0.010	0.010	0.01000	0	0	-100	100				

Sample ID: <b>LCS-55348</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/9/2009</b>	RunNo: <b>126678</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55348</b>	<b>SOP 3063</b>	Analysis Date: <b>9/9/2009</b>	SeqNo: <b>2380988</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.266	0.010	0.2500	0	106.2	85	115				

Sample ID: <b>09090325-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/9/2009</b>	RunNo: <b>126678</b>							
Client ID: <b>P1-I4-W(2)MS</b>	Batch ID: <b>55348</b>	<b>SOP 3063</b>	Analysis Date: <b>9/9/2009</b>	SeqNo: <b>2381002</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.398	0.012	0.3044	0.06210	110.4	75	125				

Sample ID: <b>09090325-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/9/2009</b>	RunNo: <b>126678</b>							
Client ID: <b>P1-I4-W(2)MSD</b>	Batch ID: <b>55348</b>	<b>SOP 3063</b>	Analysis Date: <b>9/9/2009</b>	SeqNo: <b>2381003</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.393	0.012	0.3044	0.06210	108.6	75	125	0.3981	1.39	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: M\_SOLID\_GF

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>MB-55359</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126759</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55359</b>	<b>SOP 3042</b>	Analysis Date: <b>9/11/2009</b>	SeqNo: <b>2381923</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	< 0.600	0.600	0.6000	0	0	-100	100			
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Sample ID: <b>LCS-55359</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126759</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55359</b>	<b>SOP 3042</b>	Analysis Date: <b>9/11/2009</b>	SeqNo: <b>2381924</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.87	0.600	3.000	0	95.6	80	120			
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Sample ID: <b>09090325-004BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126759</b>							
Client ID: <b>P1-F2-F(21)MS</b>	Batch ID: <b>55359</b>	<b>SOP 3042</b>	Analysis Date: <b>9/11/2009</b>	SeqNo: <b>2381929</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.20	0.600	3.000	0	73.5	70	130			
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Sample ID: <b>09090325-004BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126759</b>							
Client ID: <b>P1-F2-F(21)MSD</b>	Batch ID: <b>55359</b>	<b>SOP 3042</b>	Analysis Date: <b>9/11/2009</b>	SeqNo: <b>2381930</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.15	0.600	3.000	0	71.5	70	130	2.205	2.71	20
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: M\_SOLIDS\_ICP

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>MB-55360</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>9/10/2009</b>	RunNo: <b>126727</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55360</b>	<b>SOP 3032</b>				Analysis Date: <b>9/11/2009</b>	SeqNo: <b>2381752</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Barium	< 0.50	0.50	0.5000	0	0	-100	100				
Cadmium	< 0.20	0.20	0.2000	0	0	-100	100				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Sample ID: <b>LCS-55360</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>9/10/2009</b>	RunNo: <b>126727</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55360</b>	<b>SOP 3032</b>				Analysis Date: <b>9/11/2009</b>	SeqNo: <b>2381753</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	204	2.50	200.0	0	101.9	85	115				
Barium	206	0.50	200.0	0	103.2	85	115				
Cadmium	5.06	0.20	5.000	0	101.2	85	115				
Chromium	20.8	1.00	20.00	0	103.8	85	115				
Lead	50.8	4.00	50.00	0	101.6	85	115				
Silver	4.90	0.55	5.000	0	98.0	85	115				

Sample ID: <b>09090325-004BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>9/10/2009</b>	RunNo: <b>126727</b>				
Client ID: <b>P1-F2-F(21)MS</b>	Batch ID: <b>55360</b>	<b>SOP 3032</b>				Analysis Date: <b>9/11/2009</b>	SeqNo: <b>2381909</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	192	2.50	200.0	4.260	94.0	75	125				
Barium	191	0.50	200.0	19.77	85.4	75	125				
Cadmium	4.59	0.20	5.000	0.3400	85.0	75	125				
Chromium	36.9	1.00	20.00	17.68	96.0	75	125				
Lead	53.8	4.00	50.00	10.10	87.3	75	125				
Silver	4.26	0.55	5.000	0	85.2	75	125				

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09090325

Report Date: 16-Sep-09

## ANALYTICAL QC SUMMARY REPORT

TestCode: M\_SOLIDS\_ICP

Sample ID: 09090325-004BMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 9/10/2009	RunNo: 126727							
Client ID: P1-F2-F(21)MSD	Batch ID: 55360	SOP 3032	Analysis Date: 9/11/2009	SeqNo: 2381964							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	189	2.50	200.0	4.260	92.2	75	125	192.3	1.94	20	
Barium	184	0.50	200.0	19.77	82.3	75	125	190.6	3.36	20	
Cadmium	4.53	0.20	5.000	0.3400	83.8	75	125	4.590	1.32	20	
Chromium	35.9	1.00	20.00	17.68	91.0	75	125	36.88	2.78	20	
Lead	52.1	4.00	50.00	10.10	84.1	75	125	53.77	3.08	20	
Silver	4.28	0.55	5.000	0	85.6	75	125	4.260	0.468	20	



Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09090325

Report Date: 16-Sep-09

# ANALYTICAL QC SUMMARY REPORT

TestCode: SV\_8270S\_S

Sample ID: <b>MB-55351</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/9/2009</b>	RunNo: <b>126749</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55351</b>	<b>SW3550B</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381878</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									
Azobenzene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>MB-55351</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/9/2009</b>	RunNo: <b>126749</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55351</b>	<b>SW3550B</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381878</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>MB-55351</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date: <b>9/9/2009</b>	RunNo: <b>126749</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55351</b>	<b>SW3550B</b>				Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381878</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.55		1.670		92.6	52.1	113				
Surr: 2-Fluorobiphenyl	0.713		0.8350		85.3	46.3	106				
Surr: 2-Fluorophenol	1.09		1.670		65.0	50.6	89				
Surr: Nitrobenzene-d5	0.606		0.8350		72.5	42.4	99.2				
Surr: Phenol-d5	1.17		1.670		70.3	55.9	98.5				
Surr: p-Terphenyl-d14	0.899		0.8350		107.7	45.5	115				

Sample ID: <b>LCS-55351</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>9/9/2009</b>	RunNo: <b>126799</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55351</b>	<b>SW3550B</b>				Analysis Date: <b>9/11/2009</b>	SeqNo: <b>2382624</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.51	0.500	1.670	0	90.3	43.9	92.2				
1,4-Dichlorobenzene	1.28	0.500	1.670	0	76.8	43.8	84.1				
2,4,5-Trichlorophenol	2.85	0.350	3.330	0	85.7	38.6	123				
2,4,6-Trichlorophenol	2.73	0.350	3.330	0	82.0	35.9	123				
2,4-Dimethylphenol	2.25	0.500	3.330	0	67.5	38.3	88				
2,4-Dinitrophenol	4.11	1.00	3.330	0	123.5	1.88	162				
2,4-Dinitrotoluene	1.67	0.350	1.670	0	100.1	48.6	102				
2-Chlorophenol	1.39	0.500	3.330	0	41.7	46.6	84				S
4-Chloro-3-methylphenol	3.13	0.500	3.330	0	94.0	51.5	94.9				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: LCS-55351	SampType: LCS	Units: mg/Kg				Prep Date: 9/9/2009	RunNo: 126799					
Client ID: ZZZZZZ	Batch ID: 55351	SW3550B				Analysis Date: 9/11/2009	SeqNo: 2382624					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
4-Nitrophenol	3.56	0.350	3.330	0	106.8	53.2	104				S	
Acenaphthene	1.70	0.350	1.670	0	101.7	50.8	113					
Acenaphthylene	2.42	0.350	1.670	0	144.6	52.8	121				S	
Anthracene	1.64	0.350	1.670	0	98.2	53.3	115					
Benzo(a)anthracene	1.41	0.350	1.670	0	84.7	62.3	110					
Benzo(a)pyrene	1.68	0.350	1.670	0	100.8	58.2	109					
Benzo(b)fluoranthene	1.64	0.350	1.670	0	98.0	51.8	107					
Benzo(g,h,i)perylene	1.81	0.350	1.670	0	108.2	49.6	121					
Benzo(k)fluoranthene	1.75	0.350	1.670	0	104.7	63.1	129					
Bis(2-ethylhexyl)phthalate	1.79	0.350	1.670	0	107.3	56.3	109					
Chrysene	1.96	0.350	1.670	0	117.5	58.4	115				S	
Dibenzo(a,h)anthracene	1.93	0.350	1.670	0	115.7	54.9	120					
Diethyl phthalate	3.29	0.500	3.330	0	98.9	51.7	106					
Dimethyl phthalate	3.47	0.350	3.330	0	104.1	58.8	104				S	
Di-n-butyl phthalate	1.77	0.350	1.670	0	106.0	54.3	105				S	
Fluoranthene	1.82	0.350	1.670	0	109.3	61.6	113					
Fluorene	1.71	0.350	1.670	0	102.2	52.2	116					
Hexachlorobenzene	2.83	0.350	3.330	0	85.0	55.9	106					
Hexachlorobutadiene	2.50	0.500	3.330	0	75.1	35.7	100					
Hexachloroethane	2.48	0.500	3.330	0	74.5	38.9	89.9					
Indeno(1,2,3-cd)pyrene	1.82	0.350	1.670	0	109.1	52.7	115					
m,p-Cresol	1.13	0.500	1.670	0	67.7	37.6	93.7					
Naphthalene	1.39	0.350	1.670	0	83.4	45.7	101					
Nitrobenzene	2.72	0.500	3.330	0	81.6	51.8	104					
N-Nitroso-di-n-propylamine	1.45	0.500	1.670	0	87.0	49.1	94.5					
o-Cresol	0.918	0.500	1.670	0	55.0	43	101					
Pentachlorophenol	3.35	2.00	3.330	0	100.7	42.2	102					
Phenanthrene	1.72	0.350	1.670	0	102.7	52.9	113					
Phenol	1.77	0.350	3.330	0	53.1	41.6	81.3					
Pyrene	1.71	0.500	1.670	0	102.6	60.7	115					
Pyridine	2.13	0.500	3.330	0	64.1	3.61	74.3					

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>LCS-55351</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/9/2009</b>	RunNo: <b>126799</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55351</b>	<b>SW3550B</b>	Analysis Date: <b>9/11/2009</b>	SeqNo: <b>2382624</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1.83		1.670		109.6	52.1	113				
Surr: 2-Fluorobiphenyl	0.730		0.8350		87.4	46.3	106				
Surr: 2-Fluorophenol	1.21		1.670		72.5	50.6	89				
Surr: Nitrobenzene-d5	0.627		0.8350		75.0	42.4	99.2				
Surr: Phenol-d5	1.35		1.670		80.6	55.9	98.5				
Surr: p-Terphenyl-d14	0.896		0.8350		107.3	45.5	115				

Sample ID: <b>MB-55431</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/14/2009</b>	RunNo: <b>126835</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55431</b>	<b>SW3550B</b>	Analysis Date: <b>9/14/2009</b>	SeqNo: <b>2383425</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09090325

Report Date: 16-Sep-09

# ANALYTICAL QC SUMMARY REPORT

TestCode: SV\_8270S\_S

Sample ID: <b>MB-55431</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/14/2009</b>	RunNo: <b>126835</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55431</b>	<b>SW3550B</b>	Analysis Date: <b>9/14/2009</b>	SeqNo: <b>2383425</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: MB-55431	SampType: MBLK	Units: mg/Kg	Prep Date: 9/14/2009	RunNo: 126835							
Client ID: ZZZZZZ	Batch ID: 55431	SW3550B	Analysis Date: 9/14/2009	SeqNo: 2383425							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.50		1.670		90.0	52.1	113				
Surr: 2-Fluorobiphenyl	0.771		0.8350		92.4	46.3	106				
Surr: 2-Fluorophenol	1.25		1.670		74.9	50.6	89				
Surr: Nitrobenzene-d5	0.645		0.8350		77.2	42.4	99.2				
Surr: Phenol-d5	1.32		1.670		78.8	55.9	98.5				
Surr: p-Terphenyl-d14	0.871		0.8350		104.4	45.5	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>LCS-55431</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>9/14/2009</b>	RunNo: <b>126835</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55431</b>	<b>SW3550B</b>				Analysis Date: <b>9/14/2009</b>	SeqNo: <b>2383426</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.52	0.500	1.670	0	90.9	43.9	92.2				
1,4-Dichlorobenzene	1.23	0.500	1.670	0	73.5	43.8	84.1				
2,4,5-Trichlorophenol	2.74	0.350	3.330	0	82.3	38.6	123				
2,4,6-Trichlorophenol	2.57	0.350	3.330	0	77.1	35.9	123				
2,4-Dimethylphenol	2.50	0.500	3.330	0	75.1	38.3	88				
2,4-Dinitrophenol	3.22	1.00	3.330	0	96.8	1.88	162				
2,4-Dinitrotoluene	1.37	0.350	1.670	0	82.1	48.6	102				
2-Chlorophenol	2.19	0.500	3.330	0	65.9	46.6	84				
4-Chloro-3-methylphenol	3.00	0.500	3.330	0	89.9	51.5	94.9				
4-Nitrophenol	2.77	0.350	3.330	0	83.3	53.2	104				
Acenaphthene	1.46	0.350	1.670	0	87.5	50.8	113				
Acenaphthylene	2.05	0.350	1.670	0	122.5	52.8	121				S
Anthracene	1.54	0.350	1.670	0	91.9	53.3	115				
Benzo(a)anthracene	1.41	0.350	1.670	0	84.2	62.3	110				
Benzo(a)pyrene	1.54	0.350	1.670	0	92.2	58.2	109				
Benzo(b)fluoranthene	1.43	0.350	1.670	0	85.5	51.8	107				
Benzo(g,h,i)perylene	1.59	0.350	1.670	0	95.4	49.6	121				
Benzo(k)fluoranthene	1.61	0.350	1.670	0	96.5	63.1	129				
Bis(2-ethylhexyl)phthalate	1.55	0.350	1.670	0	92.6	56.3	109				
Chrysene	1.73	0.350	1.670	0	103.3	58.4	115				
Dibenzo(a,h)anthracene	1.64	0.350	1.670	0	98.0	54.9	120				
Diethyl phthalate	2.86	0.500	3.330	0	85.8	51.7	106				
Dimethyl phthalate	2.90	0.350	3.330	0	87.2	58.8	104				
Di-n-butyl phthalate	1.63	0.350	1.670	0	97.8	54.3	105				
Fluoranthene	1.50	0.350	1.670	0	90.1	61.6	113				
Fluorene	1.43	0.350	1.670	0	85.9	52.2	116				
Hexachlorobenzene	2.76	0.350	3.330	0	82.9	55.9	106				
Hexachlorobutadiene	2.58	0.500	3.330	0	77.6	35.7	100				
Hexachloroethane	2.50	0.500	3.330	0	75.2	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.60	0.350	1.670	0	95.8	52.7	115				
m,p-Cresol	1.26	0.500	1.670	0	75.3	37.6	93.7				



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**ANALYTICAL QC SUMMARY REPORT**

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>LCS-55431</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>9/14/2009</b>		RunNo: <b>126835</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>55431</b>		<b>SW3550B</b>		Analysis Date: <b>9/14/2009</b>		SeqNo: <b>2383426</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	1.31	0.350	1.670	0	78.6	45.7	101				
Nitrobenzene	2.51	0.500	3.330	0	75.4	51.8	104				
N-Nitroso-di-n-propylamine	1.15	0.500	1.670	0	68.9	49.1	94.5				
o-Cresol	1.13	0.500	1.670	0	67.4	43	101				
Pentachlorophenol	2.96	2.00	3.330	0	88.8	42.2	102				
Phenanthrene	1.52	0.350	1.670	0	91.3	52.9	113				
Phenol	2.37	0.350	3.330	0	71.2	41.6	81.3				
Pyrene	1.59	0.500	1.670	0	95.5	60.7	115				
Pyridine	2.06	0.500	3.330	0	61.9	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.56		1.670		93.3	52.1	113				
Surr: 2-Fluorobiphenyl	0.728		0.8350		87.2	46.3	106				
Surr: 2-Fluorophenol	1.18		1.670		70.9	50.6	89				
Surr: Nitrobenzene-d5	0.510		0.8350		61.0	42.4	99.2				
Surr: Phenol-d5	1.24		1.670		74.2	55.9	98.5				
Surr: p-Terphenyl-d14	0.790		0.8350		94.7	45.5	115				

Sample ID: <b>09090325-004AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>9/14/2009</b>		RunNo: <b>126835</b>			
Client ID: <b>P1-F2-F(21)MS</b>		Batch ID: <b>55431</b>		<b>SW3550B</b>		Analysis Date: <b>9/15/2009</b>		SeqNo: <b>2383439</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.6	5.55	1.852	0	89.2	35.9	102				J
1,4-Dichlorobenzene	ND	5.55	1.852	0	0	29.8	95.5				S
2,4,5-Trichlorophenol	2.6	3.88	3.693	0	71.1	38.6	123				J
2,4,6-Trichlorophenol	2.4	3.88	3.693	0	64.6	35.9	123				J
2,4-Dimethylphenol	3.4	5.55	3.693	0	92.1	38.3	88				JS
2,4-Dinitrophenol	ND	11.1	3.693	0	0	1.88	162				S
2,4-Dinitrotoluene	2.3	3.88	1.852	0	121.9	37.5	107				JS
2-Chlorophenol	2.2	5.55	3.693	0	58.6	22.6	108				J
4-Chloro-3-methylphenol	2.8	5.55	3.693	0	75.7	19.3	131				J
4-Nitrophenol	3.0	3.88	3.693	0	82.2	27.6	123				J
Diethyl phthalate	3.4	5.55	3.693	0	93.3	51.7	106				J

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: 09090325-004AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 9/14/2009		RunNo: 126835			
Client ID: P1-F2-F(21)MS		Batch ID: 55431		SW3550B		Analysis Date: 9/15/2009		SeqNo: 2383439			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethyl phthalate	3.5	3.88	3.693	0	94.1	58.8	104				J
Di-n-butyl phthalate	1.9	3.88	1.852	0	105.0	54.3	105				J
Hexachlorobenzene	3.6	3.88	3.693	0	98.9	55.9	106				J
Hexachlorobutadiene	3.1	5.55	3.693	0	82.9	35.7	100				J
Hexachloroethane	4.1	5.55	3.693	0	111.6	38.9	89.9				JS
m,p-Cresol	1.8	5.55	1.852	0	96.9	37.6	93.7				JS
Nitrobenzene	2.9	5.55	3.693	0	79.4	51.8	104				J
N-Nitroso-di-n-propylamine	1.3	5.55	1.852	0	70.1	45.5	99.1				J
o-Cresol	1.6	5.55	1.852	0	84.9	43	101				J
Pentachlorophenol	ND	22.2	3.693	0	0	18.5	113				S
Phenol	2.5	3.88	3.693	0	66.7	20.8	110				J
Pyridine	2.7	5.55	3.693	0	73.5	3.61	74.3				J
Surr: 2,4,6-Tribromophenol	1.24		1.852		67.1	32.7	130				
Surr: 2-Fluorobiphenyl	0.728		0.9261		78.6	34.1	116				
Surr: 2-Fluorophenol	1.38		1.852		74.5	30.5	99				
Surr: Nitrobenzene-d5	0.688		0.9261		74.3	34.1	101				
Surr: Phenol-d5	1.42		1.852		76.8	34.9	110				
Surr: p-Terphenyl-d14	0.943		0.9261		101.8	41.7	124				

Sample ID: 09090325-004AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 9/14/2009		RunNo: 126835			
Client ID: P1-F2-F(21)MSD		Batch ID: 55431		SW3550B		Analysis Date: 9/15/2009		SeqNo: 2383440			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.8	5.54	1.850	0	95.0	35.9	102	1.653	0	40	J
1,4-Dichlorobenzene	ND	5.54	1.850	0	0	29.8	95.5	0	0	40	S
2,4,5-Trichlorophenol	3.0	3.88	3.688	0	81.9	38.6	123	2.627	0	40	J
2,4,6-Trichlorophenol	2.2	3.88	3.688	0	60.7	35.9	123	2.388	0	40	J
2,4-Dimethylphenol	3.4	5.54	3.688	0	92.2	38.3	88	3.400	0	40	JS
2,4-Dinitrophenol	ND	11.1	3.688	0	0	1.88	162	0	0	40	S
2,4-Dinitrotoluene	ND	3.88	1.850	0	0	37.5	107	2.257	0	40	S
2-Chlorophenol	2.2	5.54	3.688	0	58.3	22.6	108	2.163	0	40	J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: 09090325-004AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 9/14/2009	RunNo: 126835							
Client ID: P1-F2-F(21)MSD	Batch ID: 55431	SW3550B	Analysis Date: 9/15/2009	SeqNo: 2383440							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chloro-3-methylphenol	3.2	5.54	3.688	0	87.7	19.3	131	2.795	0	40	J
4-Nitrophenol	2.4	3.88	3.688	0	64.6	27.6	123	3.036	0	40	J
Diethyl phthalate	3.1	5.54	3.688	0	84.6	51.7	106	3.444	0	40	J
Dimethyl phthalate	3.3	3.88	3.688	0	89.7	58.8	104	3.476	0	40	J
Di-n-butyl phthalate	1.6	3.88	1.850	0	86.3	54.3	105	1.944	0	40	J
Hexachlorobenzene	3.3	3.88	3.688	0	89.4	55.9	106	3.654	0	40	J
Hexachlorobutadiene	3.1	5.54	3.688	0	84.7	35.7	100	3.061	0	40	J
Hexachloroethane	2.9	5.54	3.688	0	78.4	38.9	89.9	4.122	0	40	J
m,p-Cresol	1.8	5.54	1.850	0	95.7	37.6	93.7	1.795	0	40	JS
Nitrobenzene	3.1	5.54	3.688	0	82.9	51.8	104	2.932	0	40	J
N-Nitroso-di-n-propylamine	1.3	5.54	1.850	0	68.9	45.5	99.1	1.298	0	40	J
o-Cresol	1.6	5.54	1.850	0	87.4	43	101	1.572	0	40	J
Pentachlorophenol	ND	22.2	3.688	0	0	18.5	113	0	0	40	S
Phenol	2.5	3.88	3.688	0	68.5	20.8	110	2.464	0	40	J
Pyridine	2.1	5.54	3.688	0	57.0	3.61	74.3	2.716	0	40	J
Surr: 2,4,6-Tribromophenol	1.12		1.850		60.3	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	0.628		0.9249		67.9	34.1	116		0	40	
Surr: 2-Fluorophenol	1.18		1.850		63.7	30.5	99		0	40	
Surr: Nitrobenzene-d5	0.569		0.9249		61.5	34.1	101		0	40	
Surr: Phenol-d5	1.24		1.850		67.1	34.9	110		0	40	
Surr: p-Terphenyl-d14	0.786		0.9249		85.0	41.7	124		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>MB-55352</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/9/2009</b>	RunNo: <b>126734</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55352</b>	<b>SW3550B</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381500</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	ND	0.003									
Benzo(a)pyrene	ND	0.003									
Benzo(b)fluoranthene	ND	0.003									
Benzo(g,h,i)perylene	ND	0.003									
Benzo(k)fluoranthene	ND	0.003									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	ND	0.003									
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
Naphthalene	ND	0.003									
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.488		0.8330		58.5	17.5	123				
Surr: Nitrobenzene-d5	0.466		0.8330		55.9	35	105				
Surr: p-Terphenyl-d14	0.614		0.8330		73.7	53.6	122				

Sample ID: <b>LCS-55352</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/9/2009</b>	RunNo: <b>126734</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55352</b>	<b>SW3550B</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381501</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.151	0.003	0.1670	0	90.4	56.3	115				
Acenaphthylene	0.163	0.003	0.1670	0	97.9	60.3	143				
Anthracene	0.150	0.003	0.1670	0	89.9	52.1	109				
Benzo(a)anthracene	0.145	0.003	0.1670	0	86.7	52.8	112				
Benzo(a)pyrene	0.157	0.003	0.1670	0	94.0	40.8	127				
Benzo(b)fluoranthene	0.167	0.003	0.1670	0	100	50.1	150				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: LCS-55352	SampType: LCS	Units: mg/Kg	Prep Date: 9/9/2009	RunNo: 126734							
Client ID: ZZZZZZ	Batch ID: 55352	SW3550B	Analysis Date: 9/10/2009	SeqNo: 2381501							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	0.170	0.003	0.1670	0	101.7	52.8	145				
Benzo(k)fluoranthene	0.174	0.003	0.1670	0	104.4	52	153				
Bis(2-ethylhexyl)phthalate	0.208	0.067	0.1670	0	124.7	50	150				
Chrysene	0.171	0.003	0.1670	0	102.4	60.8	128				
Dibenzo(a,h)anthracene	0.168	0.003	0.1670	0	100.9	54.9	150				
Fluoranthene	0.162	0.003	0.1670	0	97.2	58.7	125				
Fluorene	0.155	0.003	0.1670	0	92.7	57.8	125				
Indeno(1,2,3-cd)pyrene	0.169	0.003	0.1670	0	101.1	52	147				
Naphthalene	0.136	0.003	0.1670	0	81.3	54.8	113				
Phenanthrene	0.155	0.003	0.1670	0	92.8	60.4	121				
Pyrene	0.161	0.003	0.1670	0	96.2	57.9	129				
Surr: 2-Fluorobiphenyl	0.630		0.8330		75.6	35.3	113				
Surr: Nitrobenzene-d5	0.607		0.8330		72.9	33.9	108				
Surr: p-Terphenyl-d14	0.720		0.8330		86.4	58.4	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>MBLK-G090910-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126747</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55387</b>	<b>SW5035</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381772</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	10									
1,2,3-Trimethylbenzene	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
1-Chlorobutane	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.0									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.0									
4-Methyl-2-pentanone	ND	50.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>MBLK-G090910-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126747</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55387</b>	<b>SW5035</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381772</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10									
Allyl chloride	ND	5.0									
Benzene	ND	1.0									
Bromobenzene	ND	5.0									
Bromochloromethane	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	10									
Carbon disulfide	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	10									
Chloroform	ND	5.0									
Chloromethane	ND	10									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	4.0									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	10									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.0									
Ethyl methacrylate	ND	5.0									
Ethylbenzene	ND	5.0									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.0									
Hexachloroethane	ND	5.0									
Iodomethane	ND	10									
Isopropylbenzene	ND	5.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>MBLK-G090910-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126747</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55387</b>	<b>SW5035</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381772</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylenes	ND	5.0									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.0									
Methyl tert-butyl ether	ND	2.0									
Methylacrylate	ND	10									
Methylene chloride	ND	5.0									
Naphthalene	ND	10									
n-Butylbenzene	ND	5.0									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.0									
o-Xylene	ND	5.0									
Pentachloroethane	ND	5.0									
p-Isopropyltoluene	ND	5.0									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	4.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.0									
Surr: 1,2-Dichloroethane-d4	46.0		50.00		91.9	61	128				
Surr: 4-Bromofluorobenzene	53.4		50.00		106.9	78.2	117				
Surr: Dibromofluoromethane	52.6		50.00		105.1	66.6	130				
Surr: Toluene-d8	43.7		50.00		87.3	80.1	122				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>LCS-G090910-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126747</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55387</b>	<b>SW5035</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381780</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	53.8	5.0	50.00	0	107.5	77.5	121				
1,1-Dichloroethene	49.8	5.0	50.00	0	99.5	52	133				
1,2-Dibromoethane	48.6	5.0	50.00	0	97.1	85.2	119				
1,2-Dichlorobenzene	51.3	5.0	50.00	0	102.6	84.2	122				
1,2-Dichloroethane	45.5	5.0	50.00	0	90.9	71.1	125				
1,3-Dichlorobenzene	51.5	5.0	50.00	0	103.0	83.3	125				
1,4-Dichlorobenzene	50.5	5.0	50.00	0	100.9	81.9	128				
2-Butanone	82.4	50.0	100.0	0	82.4	39.1	105				
Benzene	49.6	1.0	50.00	0	99.1	77.9	123				
Bromodichloromethane	55.6	5.0	50.00	0	111.3	87.9	119				
Carbon tetrachloride	54.9	5.0	50.00	0	109.8	77.5	128				
Chlorobenzene	48.5	5.0	50.00	0	97.0	87.8	120				
Chloroform	50.1	5.0	50.00	0	100.3	81.5	119				
Dibromochloromethane	49.9	5.0	50.00	0	99.7	88.6	119				
Ethylbenzene	47.4	5.0	50.00	0	94.7	80.9	119				
m,p-Xylenes	44.9	5.0	50.00	0	89.9	77.6	120				
Methyl tert-butyl ether	51.9	2.0	50.00	0	103.7	69.8	121				
Methylene chloride	56.8	5.0	50.00	0	113.6	71.5	124				
Naphthalene	52.3	10	50.00	0	104.7	75.7	123				
o-Xylene	45.6	5.0	50.00	0	91.3	82.4	124				
Tetrachloroethene	46.0	5.0	50.00	0	92.1	74.2	113				
Toluene	44.2	5.0	50.00	0	88.5	80.2	115				
Trichloroethene	55.2	5.0	50.00	0	110.5	83.3	118				
Surr: 1,2-Dichloroethane-d4	45.4		50.00		90.7	61	128				
Surr: 4-Bromofluorobenzene	55.5		50.00		111.0	78.2	117				
Surr: Dibromofluoromethane	54.0		50.00		108.1	66.6	130				
Surr: Toluene-d8	43.5		50.00		87.1	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

TestCode: V\_8260S\_S

Lab Order: 09090325

Report Date: 16-Sep-09

Sample ID: <b>LCS-D-G090910-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126747</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55387</b>	<b>SW5035</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381781</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	56.4	5.0	50.00	0	112.8	77.5	121	53.75	4.78	20	
1,1-Dichloroethene	50.3	5.0	50.00	0	100.7	52	133	49.76	1.14	20	
1,2-Dibromoethane	52.8	5.0	50.00	0	105.6	85.2	119	48.57	8.38	20	
1,2-Dichlorobenzene	54.3	5.0	50.00	0	108.7	84.2	122	51.32	5.72	20	
1,2-Dichloroethane	48.0	5.0	50.00	0	96.0	71.1	125	45.47	5.37	20	
1,3-Dichlorobenzene	53.7	5.0	50.00	0	107.4	83.3	125	51.50	4.22	20	
1,4-Dichlorobenzene	53.4	5.0	50.00	0	106.9	81.9	128	50.47	5.72	20	
2-Butanone	92.6	50.0	100.0	0	92.6	39.1	105	82.44	11.6	20	
Benzene	51.4	1.0	50.00	0	102.8	77.9	123	49.56	3.63	20	
Bromodichloromethane	57.2	5.0	50.00	0	114.4	87.9	119	55.64	2.80	20	
Carbon tetrachloride	56.8	5.0	50.00	0	113.7	77.5	128	54.90	3.45	20	
Chlorobenzene	50.8	5.0	50.00	0	101.6	87.8	120	48.51	4.65	20	
Chloroform	51.8	5.0	50.00	0	103.5	81.5	119	50.14	3.16	20	
Dibromochloromethane	54.0	5.0	50.00	0	108.0	88.6	119	49.86	8.01	20	
Ethylbenzene	48.9	5.0	50.00	0	97.8	80.9	119	47.36	3.16	20	
m,p-Xylenes	45.2	5.0	50.00	0	90.4	77.6	120	44.94	0.599	20	
Methyl tert-butyl ether	54.7	2.0	50.00	0	109.5	69.8	121	51.86	5.39	20	
Methylene chloride	58.6	5.0	50.00	0	117.2	71.5	124	56.82	3.07	20	
Naphthalene	55.9	10	50.00	0	111.8	75.7	123	52.33	6.63	20	
o-Xylene	46.3	5.0	50.00	0	92.5	82.4	124	45.64	1.37	20	
Tetrachloroethene	48.3	5.0	50.00	0	96.6	74.2	113	46.05	4.79	20	
Toluene	46.6	5.0	50.00	0	93.3	80.2	115	44.24	5.26	20	
Trichloroethene	57.1	5.0	50.00	0	114.3	83.3	118	55.24	3.36	20	
Surr: 1,2-Dichloroethane-d4	44.5		50.00		89.0	61	128		0	0	
Surr: 4-Bromofluorobenzene	53.7		50.00		107.3	78.2	117		0	0	
Surr: Dibromofluoromethane	52.7		50.00		105.4	66.6	130		0	0	
Surr: Toluene-d8	44.6		50.00		89.1	80.1	122		0	0	

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09090325

**Report Date:** 16-Sep-09

Carrier: Sean Spinner

Received By: DB

Completed by:



Reviewed by:



On:

On:

09-Sep-09

10-Sep-09

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 6.0
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA 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

Teklab, Inc.

Courier Pick Up  
COC Serial No. B 09498  
09090325

Project Name: Amesha Campaign Project Mgr.: P. S. ZAMA

Project Number: 624-0908-0120 Cost Code: 5000

Sampler(s): J. Crompton

Laboratory Name: Teklab  
Location: Collinsville

Sample Number and (depth)	Date	Time	Matrix				
			Soil	Water	Air	Wipes	Other *
P1-I4 - W(2)	9-9-09	0910	X				
P1-I4 - W(8)	"	0925	X				
P1-I4 - W(16)	"	1110	X				
P1-F2 - F(21)	"	1125	X				

Total Number of Containers

Analyses by Method Name and Number

Method Name and Number	P1-I4 - W(2)	P1-I4 - W(8)	P1-I4 - W(16)	P1-F2 - F(21)	Comments (Field PID)	Lab ID #'s
VOCs 8260	X	X	X	X		09090325
VOCs 8270	X	X	X	X		-001
RCA Metals	X	X	X	X		-002
PAHs 8270 Sims	X	X	X	X		003
Total Cyanide	X	X	X	X		004
Amesha Cyanide	X	X	X	X		
pH						

Laboratory Temperature upon Receipt  
6.0 10E

### 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 (NaOH)
  - Cyanide ..... Sodium hydroxide
  - Other (Specify) .....

### Lab Directives:

- Requested TAT:  Rush  5 Days  STD  Other
- Fax and/or Mail Results to: \_\_\_\_\_
- Send Invoice to: EMAL TO A. Sazama + L. Hoarier
- QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other
- Special Guidelines: \_\_\_\_\_
- Reporting Limits: \_\_\_\_\_
- \* Special: \_\_\_\_\_

### Shipping:

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

### Relinquished by:

Signature: [Signature] Date: 9-9-09 Time: 2:30

### Received by:

Signature: [Signature] Date: 9/9/09 Time: 2:30

September 15, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09090326

Dear Pete Sazama:

TEKLAB, INC received 6 samples on 9/9/2009 5:30:00 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. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

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,

A handwritten signature in black ink that reads 'Heather A. White'.

Heather A. White  
Project Manager  
(618)344-1004 ex 20

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09090326

**Report Date:** 15-Sep-09

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Lab Sample ID	Client Sample ID	Fractions	Collection Date
09090326-001	P1-I1-W(1-3)	6	9/8/2009 8:40:00 AM
09090326-002	P1-I1-W(8)	6	9/8/2009 8:55:00 AM
09090326-003	P1-I1-W(18)	6	9/8/2009 10:30:00 AM
09090326-004	P1-I3-W(2)	6	9/8/2009 10:45:00 AM
09090326-005	P1-I3-W(8)	6	9/8/2009 2:20:00 PM
09090326-006	P1-I3-W(16)	6	9/8/2009 2:40:00 PM

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09090326

**Report Date:** 15-Sep-09

**Cooler Receipt Temp:** 6.0 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090326  
**Lab ID:** 09090326-001  
**Report Date:** 15-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I1-W(1-3)  
**Collection Date:** 9/8/2009 8:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		17.5	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		82.5	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.008		0.410	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Acenaphthylene	NELAP	0.008		0.220	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Anthracene	NELAP	0.008		0.126	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Benzo(a)anthracene	NELAP	0.008		0.047	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Benzo(a)pyrene	NELAP	0.008		0.040	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.008		0.033	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.008		0.020	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.008		0.011	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.161		ND	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Chrysene	NELAP	0.008		0.044	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.008		ND	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Fluoranthene	NELAP	0.008		0.120	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Fluorene	NELAP	0.008		0.228	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.008		0.014	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Naphthalene	NELAP	0.041	S	4.73	mg/Kg-dry	5	9/10/2009 4:48:00 PM	MAV
Phenanthrene	NELAP	0.008	S	0.499	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Pyrene	NELAP	0.008		0.170	mg/Kg-dry	1	9/10/2009 12:08:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		44.5	%REC	1	9/10/2009 12:08:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		45.1	%REC	1	9/10/2009 12:08:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		69.6	%REC	1	9/10/2009 12:08:00 PM	MAV
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Benzene	NELAP	481		ND	µg/Kg-dry	250	9/10/2009 3:24:00 PM	RWE
Ethylbenzene	NELAP	2410	J	2200	µg/Kg-dry	250	9/10/2009 3:24:00 PM	RWE
Toluene	NELAP	2410		ND	µg/Kg-dry	250	9/10/2009 3:24:00 PM	RWE
Xylenes, Total	NELAP	2410	J	550	µg/Kg-dry	250	9/10/2009 3:24:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		94.3	%REC	250	9/10/2009 3:24:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		99.3	%REC	250	9/10/2009 3:24:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		105.8	%REC	250	9/10/2009 3:24:00 PM	RWE
Surr: Toluene-d8		80.1-122		89.3	%REC	250	9/10/2009 3:24:00 PM	RWE
<b><u>SW-846 9045C</u></b>								
pH (1:1)	NELAP	1.00		7.67		1	9/9/2009 9:35:00 PM	LMK

### Sample Narrative

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090326

**Client Sample ID:** P1-I1-W(1-3)

**Lab ID:** 09090326-001

**Collection Date:** 9/8/2009 8:40:00 AM

**Report Date:** 15-Sep-09

**Matrix:** SOLID

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Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
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Matrix spike did not recover within control limits because of sample composition.

Elevated reporting limit due to sample composition.

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090326  
**Lab ID:** 09090326-002  
**Report Date:** 15-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I1-W(8)  
**Collection Date:** 9/8/2009 8:55:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		15.2	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		84.8	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.197		2.45	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Acenaphthylene	NELAP	0.197		0.547	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Anthracene	NELAP	0.197		2.32	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Benzo(a)anthracene	NELAP	0.197		2.20	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Benzo(a)pyrene	NELAP	0.197		1.89	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.197		2.14	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.197		1.03	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.197		0.802	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	3.89		ND	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Chrysene	NELAP	0.197		2.24	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.197		0.265	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Fluoranthene	NELAP	0.197		5.94	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Fluorene	NELAP	0.197		2.10	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.197		0.914	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Naphthalene	NELAP	0.197		6.52	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Phenanthrene	NELAP	0.197		8.56	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Pyrene	NELAP	0.197		5.69	mg/Kg-dry	25	9/10/2009 1:53:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		54.0	%REC	25	9/10/2009 1:53:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		51.0	%REC	25	9/10/2009 1:53:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		78.0	%REC	25	9/10/2009 1:53:00 PM	MAV
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Benzene	NELAP	1840		ND	µg/Kg-dry	500	9/10/2009 12:19:00 PM	RWE
Ethylbenzene	NELAP	9190		20900	µg/Kg-dry	500	9/10/2009 12:19:00 PM	RWE
Toluene	NELAP	9190		ND	µg/Kg-dry	500	9/10/2009 12:19:00 PM	RWE
Xylenes, Total	NELAP	9190		14300	µg/Kg-dry	500	9/10/2009 12:19:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		98.7	%REC	500	9/10/2009 12:19:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		104.2	%REC	500	9/10/2009 12:19:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		108.0	%REC	500	9/10/2009 12:19:00 PM	RWE
Surr: Toluene-d8		80.1-122		88.1	%REC	500	9/10/2009 12:19:00 PM	RWE
<b><u>SW-846 9045C</u></b>								
pH (1:1)	NELAP	1.00		8.74		1	9/9/2009 9:37:00 PM	LMK

### Sample Narrative

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090326

**Client Sample ID:** P1-I1-W(8)

**Lab ID:** 09090326-002

**Collection Date:** 9/8/2009 8:55:00 AM

**Report Date:** 15-Sep-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
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SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090326  
**Lab ID:** 09090326-003  
**Report Date:** 15-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I1-W(18)  
**Collection Date:** 9/8/2009 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		10.3	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.7	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.075		0.075	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Acenaphthylene	NELAP	0.075		0.881	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Anthracene	NELAP	0.075		0.315	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Benzo(a)anthracene	NELAP	0.075		0.293	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Benzo(a)pyrene	NELAP	0.075		0.275	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.075		0.203	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.075		0.120	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.075	J	0.070	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	1.47		ND	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Chrysene	NELAP	0.075		0.270	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.075		ND	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Fluoranthene	NELAP	0.075		0.476	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Fluorene	NELAP	0.075		0.247	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.075		0.088	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Naphthalene	NELAP	0.075		8.27	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Phenanthrene	NELAP	0.075		0.995	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Pyrene	NELAP	0.075		0.730	mg/Kg-dry	10	9/10/2009 6:37:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		63.2	%REC	10	9/10/2009 6:37:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		56.4	%REC	10	9/10/2009 6:37:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		77.6	%REC	10	9/10/2009 6:37:00 PM	MAV
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Benzene	NELAP	668		ND	µg/Kg-dry	500	9/10/2009 12:46:00 PM	RWE
Ethylbenzene	NELAP	3340	J	1200	µg/Kg-dry	500	9/10/2009 12:46:00 PM	RWE
Toluene	NELAP	3340	J	3200	µg/Kg-dry	500	9/10/2009 12:46:00 PM	RWE
Xylenes, Total	NELAP	3340		8550	µg/Kg-dry	500	9/10/2009 12:46:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		96.1	%REC	500	9/10/2009 12:46:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		103.9	%REC	500	9/10/2009 12:46:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		106.3	%REC	500	9/10/2009 12:46:00 PM	RWE
Surr: Toluene-d8		80.1-122		89.0	%REC	500	9/10/2009 12:46:00 PM	RWE
<b><u>SW-846 9045C</u></b>								
pH (1:1)	NELAP	1.00		8.38		1	9/9/2009 9:40:00 PM	LMK

### Sample Narrative

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090326

**Client Sample ID:** P1-I1-W(18)

**Lab ID:** 09090326-003

**Collection Date:** 9/8/2009 10:30:00 AM

**Report Date:** 15-Sep-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
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SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090326

**Client Sample ID:** P1-I3-W(2)

**Lab ID:** 09090326-004

**Collection Date:** 9/8/2009 10:45:00 AM

**Report Date:** 15-Sep-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		24.1	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		75.9	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.085		4.67	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Acenaphthylene	NELAP	0.085		1.09	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Anthracene	NELAP	0.085		2.82	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Benzo(a)anthracene	NELAP	0.085		1.17	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Benzo(a)pyrene	NELAP	0.085		1.00	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.085		0.801	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.085		0.418	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.085		0.275	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	1.68		ND	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Chrysene	NELAP	0.085		1.24	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.085		0.113	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Fluoranthene	NELAP	0.085		2.65	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Fluorene	NELAP	0.085		3.99	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.085		0.330	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Naphthalene	NELAP	0.085		0.175	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Phenanthrene	NELAP	0.085		9.10	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Pyrene	NELAP	0.085		3.87	mg/Kg-dry	10	9/10/2009 3:03:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		66.8	%REC	10	9/10/2009 3:03:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		59.2	%REC	10	9/10/2009 3:03:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		80.8	%REC	10	9/10/2009 3:03:00 PM	MAV
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Benzene	NELAP	26.3		ND	µg/Kg-dry	12.5	9/11/2009 2:37:00 PM	RWE
Ethylbenzene	NELAP	131	J	39	µg/Kg-dry	12.5	9/11/2009 2:37:00 PM	RWE
Toluene	NELAP	131		ND	µg/Kg-dry	12.5	9/11/2009 2:37:00 PM	RWE
Xylenes, Total	NELAP	131	J	83	µg/Kg-dry	12.5	9/11/2009 2:37:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		76.4	%REC	12.5	9/11/2009 2:37:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		106.1	%REC	12.5	9/11/2009 2:37:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		85.6	%REC	12.5	9/11/2009 2:37:00 PM	RWE
Surr: Toluene-d8		80.1-122		92.0	%REC	12.5	9/11/2009 2:37:00 PM	RWE
<b><u>SW-846 9045C</u></b>								
pH (1:1)	NELAP	1.00		7.82		1	9/9/2009 9:42:00 PM	LMK

### Sample Narrative

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090326

**Client Sample ID:** P1-I3-W(2)

**Lab ID:** 09090326-004

**Collection Date:** 9/8/2009 10:45:00 AM

**Report Date:** 15-Sep-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
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SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090326

**Client Sample ID:** P1-I3-W(8)

**Lab ID:** 09090326-005

**Collection Date:** 9/8/2009 2:20:00 PM

**Report Date:** 15-Sep-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		18.0	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		82.0	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.196		3.98	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Acenaphthylene	NELAP	0.196		1.17	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Anthracene	NELAP	0.196		2.48	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Benzo(a)anthracene	NELAP	0.196		1.34	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Benzo(a)pyrene	NELAP	0.196		1.13	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.196		0.861	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.196		0.468	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.196		0.297	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	3.86		ND	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Chrysene	NELAP	0.196		1.40	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.196		ND	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Fluoranthene	NELAP	0.196		2.65	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Fluorene	NELAP	0.196		3.44	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.196		0.368	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Naphthalene	NELAP	0.196		0.508	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Phenanthrene	NELAP	0.196		8.64	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Pyrene	NELAP	0.196		4.21	mg/Kg-dry	25	9/10/2009 3:38:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		68.0	%REC	25	9/10/2009 3:38:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		57.0	%REC	25	9/10/2009 3:38:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		77.0	%REC	25	9/10/2009 3:38:00 PM	MAV
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Benzene	NELAP	24.1		24.4	µg/Kg-dry	12.5	9/11/2009 3:03:00 PM	RWE
Ethylbenzene	NELAP	121	J	26	µg/Kg-dry	12.5	9/11/2009 3:03:00 PM	RWE
Toluene	NELAP	121		ND	µg/Kg-dry	12.5	9/11/2009 3:03:00 PM	RWE
Xylenes, Total	NELAP	121		ND	µg/Kg-dry	12.5	9/11/2009 3:03:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		90.0	%REC	12.5	9/11/2009 3:03:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		115.3	%REC	12.5	9/11/2009 3:03:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		100.2	%REC	12.5	9/11/2009 3:03:00 PM	RWE
Surr: Toluene-d8		80.1-122		90.7	%REC	12.5	9/11/2009 3:03:00 PM	RWE
<b><u>SW-846 9045C</u></b>								
pH (1:1)	NELAP	1.00		7.77		1	9/9/2009 9:44:00 PM	LMK

### Sample Narrative

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090326

**Client Sample ID:** P1-I3-W(8)

**Lab ID:** 09090326-005

**Collection Date:** 9/8/2009 2:20:00 PM

**Report Date:** 15-Sep-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
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SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090326  
**Lab ID:** 09090326-006  
**Report Date:** 15-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-I3-W(16)  
**Collection Date:** 9/8/2009 2:40:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		13.7	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		86.3	%	1	9/9/2009 6:00:00 PM	HMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.760		5.65	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Acenaphthylene	NELAP	0.760		12.8	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Anthracene	NELAP	0.760		8.21	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Benzo(a)anthracene	NELAP	0.760		5.22	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Benzo(a)pyrene	NELAP	0.760		4.83	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.760		3.70	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.760		2.06	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.760		1.21	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	15.0		ND	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Chrysene	NELAP	0.760		5.22	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.760		ND	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Fluoranthene	NELAP	0.760		10.6	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Fluorene	NELAP	0.760		8.91	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.760		1.51	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Naphthalene	NELAP	0.760		83.0	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Phenanthrene	NELAP	0.760		30.1	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Pyrene	NELAP	0.760		15.5	mg/Kg-dry	100	9/10/2009 4:13:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		72.0	%REC	100	9/10/2009 4:13:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		60.0	%REC	100	9/10/2009 4:13:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		88.0	%REC	100	9/10/2009 4:13:00 PM	MAV
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Benzene	NELAP	821		3650	µg/Kg-dry	500	9/10/2009 2:05:00 PM	RWE
Ethylbenzene	NELAP	4100		9580	µg/Kg-dry	500	9/10/2009 2:05:00 PM	RWE
Toluene	NELAP	4100	J	1200	µg/Kg-dry	500	9/10/2009 2:05:00 PM	RWE
Xylenes, Total	NELAP	4100		8130	µg/Kg-dry	500	9/10/2009 2:05:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		96.6	%REC	500	9/10/2009 2:05:00 PM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		99.9	%REC	500	9/10/2009 2:05:00 PM	RWE
Surr: Dibromofluoromethane		66.6-130		106.7	%REC	500	9/10/2009 2:05:00 PM	RWE
Surr: Toluene-d8		80.1-122		89.5	%REC	500	9/10/2009 2:05:00 PM	RWE
<b><u>SW-846 9045C</u></b>								
pH (1:1)	NELAP	1.00		8.08		1	9/9/2009 9:46:00 PM	LMK

### Sample Narrative

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090326

**Client Sample ID:** P1-I3-W(16)

**Lab ID:** 09090326-006

**Collection Date:** 9/8/2009 2:40:00 PM

**Report Date:** 15-Sep-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
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SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09090326

**Report Date:** 15-Sep-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09090326-001A	P1-II-W(1-3)	9/8/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:52:17 AM	9/10/2009 12:08:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:52:17 AM	9/10/2009 4:48:00 PM
09090326-001C				EPA SW846 3550C, 5035A, ASTM D2974		9/9/2009 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		9/9/2009 6:00:00 PM
				SW-846 9045C		9/9/2009 9:35:00 PM
09090326-001F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/10/2009 3:24:00 PM
09090326-002A	P1-II-W(8)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:52:17 AM	9/10/2009 1:53:00 PM
09090326-002C				EPA SW846 3550C, 5035A, ASTM D2974		9/9/2009 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		9/9/2009 6:00:00 PM
				SW-846 9045C		9/9/2009 9:37:00 PM
09090326-002F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/10/2009 12:19:00 PM
09090326-003A	P1-II-W(18)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:52:17 AM	9/10/2009 2:28:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:52:17 AM	9/10/2009 6:37:00 PM
09090326-003C				EPA SW846 3550C, 5035A, ASTM D2974		9/9/2009 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		9/9/2009 6:00:00 PM
				SW-846 9045C		9/9/2009 9:40:00 PM
09090326-003F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/10/2009 12:46:00 PM
09090326-004A	P1-I3-W(2)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:52:17 AM	9/10/2009 3:03:00 PM
09090326-004C				EPA SW846 3550C, 5035A, ASTM D2974		9/9/2009 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		9/9/2009 6:00:00 PM
				SW-846 9045C		9/9/2009 9:42:00 PM
09090326-004F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/11/2009 2:37:00 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09090326

**Report Date:** 15-Sep-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09090326-005A	P1-I3-W(8)	9/8/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:52:17 AM	9/10/2009 3:38:00 PM
09090326-005C				EPA SW846 3550C, 5035A, ASTM D2974		9/9/2009 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		9/9/2009 6:00:00 PM
				SW-846 9045C		9/9/2009 9:44:00 PM
09090326-005F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/11/2009 3:03:00 PM
09090326-006A	P1-I3-W(16)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/10/2009 8:52:17 AM	9/10/2009 4:13:00 PM
09090326-006C				EPA SW846 3550C, 5035A, ASTM D2974		9/9/2009 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		9/9/2009 6:00:00 PM
				SW-846 9045C		9/9/2009 9:46:00 PM
09090326-006F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/10/2009 2:05:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/10/2009 6:56:00 PM

**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- 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.
- 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. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- 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. (NELAC) The acceptable recovery range is listed in this report.
- LCS D** 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 this report.
- 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 this report.
- 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 this report.
- MDL** Method detection limit or limit of detection (LOD) 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.
- MB/LCB** Method blank or lab control 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 are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) 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 this report.
- 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 this report.
- 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. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

**Qualifiers**

<b>DF</b> - Dilution Factor	<b>B</b> - Analyte detected in the associated Method Blank	<b>C</b> - Client requested RL below PQL	<b>MI</b> - Matrix interference
<b>RL</b> - Reporting Limit	<b>J</b> - Analyte detected below reporting limits	<b>D</b> - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	<b>R</b> - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	<b>S</b> - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count ( > 200 CFU )	<b>X</b> - Value exceeds Maximum Contaminant Level	<b>#</b> - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09090326

Report Date: 15-Sep-09

## ANALYTICAL QC SUMMARY REPORT

Test Number: M2540 G

Sample ID: <b>LCS-R126693</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>126693</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126693</b>		Analysis Date: <b>9/9/2009</b>	SeqNo: <b>2380704</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 0.9 0.1 1.000 0 91.0 90 110

Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>126693</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126693</b>		Analysis Date: <b>9/9/2009</b>	SeqNo: <b>2380715</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Sample ID: <b>09090326-004CDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>126693</b>							
Client ID: <b>P1-I3-W(2)DUP</b>	Batch ID: <b>R126693</b>		Analysis Date: <b>9/9/2009</b>	SeqNo: <b>2380725</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 75.1 0.1 75.94 1.17 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09090326

Report Date: 15-Sep-09

Sample ID: <b>MBLK-G090910-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126747</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55387</b>	<b>SW5035</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381772</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	1.0									
Ethylbenzene	ND	5.0									
Toluene	ND	5.0									
Xylenes, Total	ND	5.0									
Surr: 1,2-Dichloroethane-d4	46.0		50.00		91.9	61	128				
Surr: 4-Bromofluorobenzene	53.4		50.00		106.9	78.2	117				
Surr: Dibromofluoromethane	52.6		50.00		105.1	66.6	130				
Surr: Toluene-d8	43.7		50.00		87.3	80.1	122				

Sample ID: <b>LCS-G090910-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126747</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55387</b>	<b>SW5035</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381780</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	49.6	1.0	50.00	0	99.1	77.9	123				
Ethylbenzene	47.4	5.0	50.00	0	94.7	80.9	119				
Toluene	44.2	5.0	50.00	0	88.5	80.2	115				
Xylenes, Total	90.6	5.0	100.0	0	90.6	77.6	124				
Surr: 1,2-Dichloroethane-d4	45.4		50.00		90.7	61	128				
Surr: 4-Bromofluorobenzene	55.5		50.00		111.0	78.2	117				
Surr: Dibromofluoromethane	54.0		50.00		108.1	66.6	130				
Surr: Toluene-d8	43.5		50.00		87.1	80.1	122				

Sample ID: <b>LCSD-G090910-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126747</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55387</b>	<b>SW5035</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381781</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	51.4	1.0	50.00	0	102.8	77.9	123	49.56	3.63	20	
Ethylbenzene	48.9	5.0	50.00	0	97.8	80.9	119	47.36	3.16	20	
Toluene	46.6	5.0	50.00	0	93.3	80.2	115	44.24	5.26	20	
Xylenes, Total	91.5	5.0	100.0	0	91.5	77.6	124	90.58	0.989	20	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09090326

Report Date: 15-Sep-09

Sample ID: <b>LCS-D-G090910-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126747</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55387</b>	<b>SW5035</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381781</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1,2-Dichloroethane-d4	44.5		50.00		89.0	61	128		0	0	
Surr: 4-Bromofluorobenzene	53.7		50.00		107.3	78.2	117		0	0	
Surr: Dibromofluoromethane	52.7		50.00		105.4	66.6	130		0	0	
Surr: Toluene-d8	44.6		50.00		89.1	80.1	122		0	0	

Sample ID: <b>LCS-G090911-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/11/2009</b>	RunNo: <b>126806</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55428</b>	<b>SW5035</b>	Analysis Date: <b>9/11/2009</b>	SeqNo: <b>2382739</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	48.9	1.00	50.00	0	97.8	77.9	123				
Ethylbenzene	47.3	5.00	50.00	0	94.6	80.9	119				
Toluene	44.4	5.00	50.00	0	88.9	80.2	115				
Xylenes, Total	90.8	5.00	100.0	0	90.8	77.6	124				
Surr: 1,2-Dichloroethane-d4	42.5		50.00		85.0	61	128				
Surr: 4-Bromofluorobenzene	55.1		50.00		110.3	78.2	117				
Surr: Dibromofluoromethane	51.7		50.00		103.5	66.6	130				
Surr: Toluene-d8	44.4		50.00		88.7	80.1	122				

Sample ID: <b>LCS-D-G090911-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/11/2009</b>	RunNo: <b>126806</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55428</b>	<b>SW5035</b>	Analysis Date: <b>9/11/2009</b>	SeqNo: <b>2382740</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	47.4	1.00	50.00	0	94.9	77.9	123	48.91	3.03	20	
Ethylbenzene	45.8	5.00	50.00	0	91.7	80.9	119	47.28	3.09	20	
Toluene	43.5	5.00	50.00	0	87.0	80.2	115	44.45	2.18	20	
Xylenes, Total	88.7	5.00	100.0	0	88.7	77.6	124	90.75	2.24	20	
Surr: 1,2-Dichloroethane-d4	42.4		50.00		84.8	61	128		0	0	
Surr: 4-Bromofluorobenzene	54.7		50.00		109.3	78.2	117		0	0	
Surr: Dibromofluoromethane	51.8		50.00		103.5	66.6	130		0	0	
Surr: Toluene-d8	44.7		50.00		89.5	80.1	122		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09090326

Report Date: 15-Sep-09

Sample ID: <b>LCSG-G090911-1</b>	SampType: <b>LCSG</b>	Units: <b>%REC</b>	Prep Date: <b>9/11/2009</b>	RunNo: <b>126806</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55428</b>	<b>SW5035</b>	Analysis Date: <b>9/11/2009</b>	SeqNo: <b>2382741</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1,2-Dichloroethane-d4	41.5		50.00		83.0	61	128				
Surr: 4-Bromofluorobenzene	55.6		50.00		111.3	78.2	117				
Surr: Dibromofluoromethane	48.9		50.00		97.9	66.6	130				
Surr: Toluene-d8	45.1		50.00		90.1	80.1	122				

Sample ID: <b>LCSGD-G090911-1</b>	SampType: <b>LCSGD</b>	Units: <b>%REC</b>	Prep Date: <b>9/11/2009</b>	RunNo: <b>126806</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55428</b>	<b>SW5035</b>	Analysis Date: <b>9/11/2009</b>	SeqNo: <b>2382742</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1,2-Dichloroethane-d4	40.9		50.00		81.9	61	128		0	0	
Surr: 4-Bromofluorobenzene	56.4		50.00		112.9	78.2	117		0	0	
Surr: Dibromofluoromethane	48.7		50.00		97.4	66.6	130		0	0	
Surr: Toluene-d8	44.2		50.00		88.3	80.1	122		0	0	

Sample ID: <b>MBLK-G090911-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/11/2009</b>	RunNo: <b>126806</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55428</b>	<b>SW5035</b>	Analysis Date: <b>9/11/2009</b>	SeqNo: <b>2382743</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	ND	1.00									
Ethylbenzene	ND	5.00									
Toluene	ND	5.00									
Xylenes, Total	ND	5.00									
Surr: 1,2-Dichloroethane-d4	42.0		50.00		83.9	61	128				
Surr: 4-Bromofluorobenzene	53.8		50.00		107.7	78.2	117				
Surr: Dibromofluoromethane	51.1		50.00		102.3	66.6	130				
Surr: Toluene-d8	44.9		50.00		89.9	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09090326

Report Date: 15-Sep-09

Sample ID: <b>MB-55352</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/9/2009</b>	RunNo: <b>126734</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55352</b>	<b>SW3550B</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381500</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	ND	0.003									
Benzo(a)pyrene	ND	0.003									
Benzo(b)fluoranthene	ND	0.003									
Benzo(g,h,i)perylene	ND	0.003									
Benzo(k)fluoranthene	ND	0.003									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	ND	0.003									
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
Naphthalene	ND	0.003									
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.488		0.8330		58.5	17.5	123				
Surr: Nitrobenzene-d5	0.466		0.8330		55.9	35	105				
Surr: p-Terphenyl-d14	0.614		0.8330		73.7	53.6	122				

Sample ID: <b>LCS-55352</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/9/2009</b>	RunNo: <b>126734</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55352</b>	<b>SW3550B</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381501</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.151	0.003	0.1670	0	90.4	56.3	115				
Acenaphthylene	0.163	0.003	0.1670	0	97.9	60.3	143				
Anthracene	0.150	0.003	0.1670	0	89.9	52.1	109				
Benzo(a)anthracene	0.145	0.003	0.1670	0	86.7	52.8	112				
Benzo(a)pyrene	0.157	0.003	0.1670	0	94.0	40.8	127				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09090326

Report Date: 15-Sep-09

Sample ID: <b>LCS-55352</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>9/9/2009</b>		RunNo: <b>126734</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>55352</b>		<b>SW3550B</b>		Analysis Date: <b>9/10/2009</b>		SeqNo: <b>2381501</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(b)fluoranthene	0.167	0.003	0.1670	0	100	50.1	150				
Benzo(g,h,i)perylene	0.170	0.003	0.1670	0	101.7	52.8	145				
Benzo(k)fluoranthene	0.174	0.003	0.1670	0	104.4	52	153				
Bis(2-ethylhexyl)phthalate	0.208	0.067	0.1670	0	124.7	50	150				
Chrysene	0.171	0.003	0.1670	0	102.4	60.8	128				
Dibenzo(a,h)anthracene	0.168	0.003	0.1670	0	100.9	54.9	150				
Fluoranthene	0.162	0.003	0.1670	0	97.2	58.7	125				
Fluorene	0.155	0.003	0.1670	0	92.7	57.8	125				
Indeno(1,2,3-cd)pyrene	0.169	0.003	0.1670	0	101.1	52	147				
Naphthalene	0.136	0.003	0.1670	0	81.3	54.8	113				
Phenanthrene	0.155	0.003	0.1670	0	92.8	60.4	121				
Pyrene	0.161	0.003	0.1670	0	96.2	57.9	129				
Surr: 2-Fluorobiphenyl	0.630		0.8330		75.6	35.3	113				
Surr: Nitrobenzene-d5	0.607		0.8330		72.9	33.9	108				
Surr: p-Terphenyl-d14	0.720		0.8330		86.4	58.4	122				

Sample ID: <b>09090326-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>9/10/2009</b>		RunNo: <b>126734</b>			
Client ID: <b>P1-I1-W(1-3)MS</b>		Batch ID: <b>55352</b>		<b>SW3550B</b>		Analysis Date: <b>9/10/2009</b>		SeqNo: <b>2381507</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.807	0.008	0.3993	0.4105	99.3	36	135				
Acenaphthylene	0.554	0.008	0.3993	0.2205	83.6	17.2	167				
Anthracene	0.531	0.008	0.3993	0.1256	101.5	39.3	124				
Benzo(a)anthracene	0.435	0.008	0.3993	0.04656	97.2	10	183				
Benzo(a)pyrene	0.462	0.008	0.3993	0.04017	105.6	10	204				
Benzo(b)fluoranthene	0.460	0.008	0.3993	0.03266	106.9	10.6	178				
Benzo(g,h,i)perylene	0.447	0.008	0.3993	0.01957	107.0	10	168				
Benzo(k)fluoranthene	0.450	0.008	0.3993	0.01110	110.0	27.6	181				
Bis(2-ethylhexyl)phthalate	0.522	0.160	0.3993	0	130.7	50	150				
Chrysene	0.492	0.008	0.3993	0.04448	112.0	10	176				

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09090326

Report Date: 15-Sep-09

Sample ID: <b>09090326-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>9/10/2009</b>		RunNo: <b>126734</b>			
Client ID: <b>P1-I1-W(1-3)MS</b>		Batch ID: <b>55352</b>		<b>SW3550B</b>		Analysis Date: <b>9/10/2009</b>		SeqNo: <b>2381507</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibenzo(a,h)anthracene	0.418	0.008	0.3993	0	104.6	12.2	156				
Fluoranthene	0.579	0.008	0.3993	0.1203	114.8	10	227				
Fluorene	0.633	0.008	0.3993	0.2282	101.5	35.2	148				
Indeno(1,2,3-cd)pyrene	0.440	0.008	0.3993	0.01429	106.6	10	164				
Phenanthrene	1.14	0.008	0.3993	0.4986	159.6	32.8	143				S
Pyrene	0.680	0.008	0.3993	0.1703	127.8	10	180				
Surr: 2-Fluorobiphenyl	1.50		1.992		75.3	10	131				
Surr: Nitrobenzene-d5	1.44		1.992		72.3	10	132				
Surr: p-Terphenyl-d14	1.66		1.992		83.2	30.6	131				

Sample ID: <b>09090326-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>9/10/2009</b>		RunNo: <b>126734</b>			
Client ID: <b>P1-I1-W(1-3)MSD</b>		Batch ID: <b>55352</b>		<b>SW3550B</b>		Analysis Date: <b>9/10/2009</b>		SeqNo: <b>2381508</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.670	0.008	0.3926	0.4105	66.1	36	135	0.8071	18.6	49.7	
Acenaphthylene	0.469	0.008	0.3926	0.2205	63.3	17.2	167	0.5545	16.7	33.3	
Anthracene	0.448	0.008	0.3926	0.1256	82.0	39.3	124	0.5307	17.0	51.1	
Benzo(a)anthracene	0.348	0.008	0.3926	0.04656	76.8	10	183	0.4346	22.1	40.6	
Benzo(a)pyrene	0.382	0.008	0.3926	0.04017	87.1	10	204	0.4617	18.9	56.4	
Benzo(b)fluoranthene	0.371	0.008	0.3926	0.03266	86.2	10.6	178	0.4597	21.4	49.7	
Benzo(g,h,i)perylene	0.360	0.008	0.3926	0.01957	86.7	10	168	0.4470	21.6	36.5	
Benzo(k)fluoranthene	0.367	0.008	0.3926	0.01110	90.6	27.6	181	0.4503	20.4	42.6	
Bis(2-ethylhexyl)phthalate	0.423	0.158	0.3926	0	107.7	50	150	0.5219	21.0	60.3	
Chrysene	0.396	0.008	0.3926	0.04448	89.4	10	176	0.4917	21.6	45.1	
Dibenzo(a,h)anthracene	0.342	0.008	0.3926	0	87.0	12.2	156	0.4176	20.1	39.9	
Fluoranthene	0.463	0.008	0.3926	0.1203	87.3	10	227	0.5789	22.3	66.2	
Fluorene	0.525	0.008	0.3926	0.2282	75.7	35.2	148	0.6334	18.6	65.6	
Indeno(1,2,3-cd)pyrene	0.360	0.008	0.3926	0.01429	88.0	10	164	0.4399	20.0	36.5	
Phenanthrene	0.912	0.008	0.3926	0.4986	105.3	32.8	143	1.136	21.8	35.4	
Pyrene	0.550	0.008	0.3926	0.1703	96.8	10	180	0.6805	21.1	60.1	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09090326

Report Date: 15-Sep-09

Sample ID: <b>09090326-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126734</b>							
Client ID: <b>P1-I1-W(1-3)MSD</b>	Batch ID: <b>55352</b>	<b>SW3550B</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381508</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 2-Fluorobiphenyl	1.22		1.958		62.2	10	131		0	40	
Surr: Nitrobenzene-d5	1.22		1.958		62.1	10	132		0	40	
Surr: p-Terphenyl-d14	1.43		1.958		72.9	30.6	131		0	40	

Sample ID: <b>09090326-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126734</b>							
Client ID: <b>P1-I1-W(1-3)MS</b>	Batch ID: <b>55352</b>	<b>SW3550B</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381515</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Naphthalene	3.71	0.041	0.3993	4.734	-255.8	14.7	128				S
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Sample ID: <b>09090326-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/10/2009</b>	RunNo: <b>126734</b>							
Client ID: <b>P1-I1-W(1-3)MSD</b>	Batch ID: <b>55352</b>	<b>SW3550B</b>	Analysis Date: <b>9/10/2009</b>	SeqNo: <b>2381516</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Naphthalene	3.50	0.040	0.3926	4.734	-315.0	14.7	128	3.713	5.97	39.6	S
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW9045 C

Lab Order: 09090326

Report Date: 15-Sep-09

Sample ID: <b>LCS-R126713</b>	SampType: <b>LCS</b>	Units:	Prep Date:	RunNo: <b>126713</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126713</b>		Analysis Date: <b>9/9/2009</b>	SeqNo: <b>2381139</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

pH (1:1) 6.95 1.00 7.000 0 99.3 99.1 100.9

Sample ID: <b>09090326-003CDUP</b>	SampType: <b>DUP</b>	Units:	Prep Date:	RunNo: <b>126713</b>							
Client ID: <b>P1-I1-W(18)DUP</b>	Batch ID: <b>R126713</b>		Analysis Date: <b>9/9/2009</b>	SeqNo: <b>2381188</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

pH (1:1) 8.42 1.00 8.380 0.476 10

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09090326

**Report Date:** 15-Sep-09

Carrier: Sean Spinner

Received By: DB

Completed by:

On:

09-Sep-09

Dawn Brantley



Reviewed by:

On:

10-Sep-09

Elizabeth A. Hurley



Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 6.0
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input type="checkbox"/>	No <input checked="" 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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA 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.

Four jars were labeled P1-I3-W(8) and two jars were labeled P1-I3-W(16). The containers were identified by collection date and time. DB 9/9/09





# Chain of Custody Record

210 West Sand Bank Road  
P.O. Box 230  
Columbia, IL 62236-0230

Teklab, Inc.

Courier Pick Up  
COC Serial No. B 09497  
09090326

Project Name: Ameren Champion Project Mgr: P. Szazama

Project Number: 024-0708-0120 Cost Code: J0002

Sampler(s): J Crompton

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

Method Name	Per Containers	Lab ID #s
VOCs 8460	X	09090326
SVOCs 8470	X	001
RCPA Metals	X	002
PAHs 8470 SIMS	X	003
Total Cyanide	X	004
Amenable Cyanide	X	005
BTX	X	006
PH	X	

Laboratory Temperature upon Receipt  
6.0 11E

per containers  
4- I3-W(8)  
and 2- I3-W(6)  
According to  
time and date of  
collection 3 of each 08  
9/9/09

Comments (Field PID)

### Samples Iced:

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  Other

Fax and/or Mail Results to:  
Send Invoice to: Pete Szazama and Leslie Hoosier  
QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other  
Special Guidelines:  
Reporting Limits:  
\* Special:

### Shipping:

Carrier / Airbill No.	Signature
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### Relinquished by:

Signature	Date	Time
<i>[Signature]</i>	9-9-09	2:30
<i>[Signature]</i>	9/9/09	5:30

### Received by:

Signature	Date	Time
<i>[Signature]</i>	9/9/09	2:30
<i>[Signature]</i>	9/9/09	1730

Shaded Areas to be Completed by Lab

GREEN to Sampler

PINK to QA/QC

CANARY to PM

WHITE to Lab

PE-179 (6/03)

September 18, 2009

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



**RE:** A831-735002-012901-225/Ameren Champaign  
62403053

**WorkOrder:** 09090415

Dear Pete Sazama:

TEKLAB, INC received 3 samples on 9/11/2009 2:15:00 PM for the analysis presented in the following report.

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

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,

A handwritten signature in black ink that reads 'Heather A. White'.

Heather A. White  
Project Manager  
(618)344-1004 ex 20

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09090415

**Report Date:** 18-Sep-09

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Lab Sample ID	Client Sample ID	Fractions	Collection Date
09090415-001	P1-H3.5-F(20)	6	9/10/2009 9:30:00 AM
09090415-002	P1-H5-F(20.5)	6	9/10/2009 1:15:00 PM
09090415-003	P1-F5-F(20)	6	9/11/2009 10:10:00 AM

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**LabOrder:** 09090415

**Report Date:** 18-Sep-09

**Cooler Receipt Temp:** 2.8 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090415

**Client Sample ID:** P1-H3.5-F(20)

**Lab ID:** 09090415-001

**Collection Date:** 9/10/2009 9:30:00 AM

**Report Date:** 18-Sep-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		11.1	%	1	9/14/2009 11:45:00 AM	MK
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.9	%	1	9/14/2009 11:45:00 AM	MK
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		4.67	mg/Kg-dry	1	9/15/2009 11:30:42 AM	LAL
Barium	NELAP	0.47		16.1	mg/Kg-dry	1	9/15/2009 11:30:42 AM	LAL
Cadmium	NELAP	0.19		0.25	mg/Kg-dry	1	9/15/2009 11:30:42 AM	LAL
Chromium	NELAP	0.94		15.0	mg/Kg-dry	1	9/15/2009 11:30:42 AM	LAL
Lead	NELAP	3.77		10.3	mg/Kg-dry	1	9/15/2009 11:30:42 AM	LAL
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	9/15/2009 11:30:42 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.556	< 0.556	mg/Kg-dry	1	9/16/2009 2:26:20 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.023	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Acenaphthylene	NELAP	0.004	R	0.059	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Anthracene	NELAP	0.004		0.029	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.020	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.018	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.015	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.009	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.076		ND	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Chrysene	NELAP	0.004		0.021	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Fluoranthene	NELAP	0.004		0.042	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Fluorene	NELAP	0.004		0.048	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.007	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Naphthalene	NELAP	0.004	BSR	0.608	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Phenanthrene	NELAP	0.004	S	0.107	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Pyrene	NELAP	0.004		0.061	mg/Kg-dry	1	9/16/2009 1:59:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		55.3	%REC	1	9/16/2009 1:59:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		56.9	%REC	1	9/16/2009 1:59:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		73.6	%REC	1	9/16/2009 1:59:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090415

**Client Sample ID:** P1-H3.5-F(20)

**Lab ID:** 09090415-001

**Collection Date:** 9/10/2009 9:30:00 AM

**Report Date:** 18-Sep-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
2,4,5-Trichlorophenol	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.13		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
2-Chloronaphthalene	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
2-Chlorophenol	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
2-Methoxy-4-methylphenol		0.738		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
2-Methylnaphthalene	NELAP	0.397	J	0.24	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
2-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
2-Nitrophenol	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
3-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.13		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
4-Chloroaniline	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
4-Nitroaniline	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
4-Nitrophenol	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Aniline	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Azobenzene		0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Benzidine	NELAP	1.20		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Benzoic acid	NELAP	1.70		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Benzyl alcohol	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Carbazole		0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Dibenzofuran	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Diethyl phthalate	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Dimethyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Hexachlorobenzene	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090415

**Client Sample ID:** P1-H3.5-F(20)

**Lab ID:** 09090415-001

**Collection Date:** 9/10/2009 9:30:00 AM

**Report Date:** 18-Sep-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Hexachloroethane	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Isophorone	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
m,p-Cresol	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Nitrobenzene	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
o-Cresol	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Pentachlorophenol	NELAP	2.27		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Phenol	NELAP	0.397		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Pyridine	NELAP	0.567		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
1,2-Diphenylhydrazine		0.953		ND	mg/Kg-dry	1	9/16/2009 1:55:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		70.8	%REC	1	9/16/2009 1:55:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		69.9	%REC	1	9/16/2009 1:55:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		65.7	%REC	1	9/16/2009 1:55:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		63.1	%REC	1	9/16/2009 1:55:00 AM	DMH
Surr: Phenol-d5		34.9-110		71.1	%REC	1	9/16/2009 1:55:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		99.6	%REC	1	9/16/2009 1:55:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,1,1-Trichloroethane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,1,2-Trichloroethane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,1-Dichloro-2-propanone		30300		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,1-Dichloroethane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,1-Dichloroethene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,1-Dichloropropene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,2,3-Trichloropropane	NELAP	6060		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,2,3-Trimethylbenzene		3030	J	1600	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	3030		4600	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,2-Dibromoethane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,2-Dichlorobenzene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090415  
**Lab ID:** 09090415-001  
**Report Date:** 18-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-H3.5-F(20)  
**Collection Date:** 9/10/2009 9:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,2-Dichloropropane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	3030	J	1400	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,3-Dichlorobenzene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,3-Dichloropropane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1,4-Dichlorobenzene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
1-Chlorobutane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
2,2-Dichloropropane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
2-Butanone	NELAP	30300		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
2-Chlorotoluene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
2-Hexanone	NELAP	30300		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
2-Nitropropane	NELAP	30300		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
4-Chlorotoluene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
4-Methyl-2-pentanone	NELAP	30300		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Acetone	NELAP	30300		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Acrolein	NELAP	60600		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Acrylonitrile	NELAP	6060		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Allyl chloride	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Benzene	NELAP	606		2580	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Bromobenzene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Bromochloromethane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Bromodichloromethane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Bromoform	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Bromomethane	NELAP	6060		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Carbon disulfide	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Carbon tetrachloride	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Chlorobenzene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Chloroethane	NELAP	6060		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Chloroform	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Chloromethane	NELAP	6060		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	2420		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Cyclohexanone		60600		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Dibromochloromethane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Dibromomethane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Dichlorodifluoromethane	NELAP	6060		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Ethyl acetate	NELAP	30300		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Ethyl ether	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090415  
**Lab ID:** 09090415-001  
**Report Date:** 18-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-H3.5-F(20)  
**Collection Date:** 9/10/2009 9:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Ethylbenzene	NELAP	3030		3230	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Heptane		12100		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Hexachlorobutadiene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Hexachloroethane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Iodomethane	NELAP	6060		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Isopropylbenzene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
m,p-Xylenes	NELAP	3030		5740	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Methacrylonitrile	NELAP	30300		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Methyl Methacrylate	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Methyl tert-butyl ether	NELAP	1210		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Methylacrylate		6060		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Methylene chloride	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Naphthalene	NELAP	6060		54300	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
n-Butylbenzene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
n-Hexane		12100		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Nitrobenzene	NELAP	60600		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
n-Propylbenzene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
o-Xylene	NELAP	3030	J	2900	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Pentachloroethane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
p-Isopropyltoluene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Propionitrile	NELAP	30300		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
sec-Butylbenzene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Styrene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
tert-Butylbenzene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Tetrachloroethene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Tetrahydrofuran	NELAP	30300		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Toluene	NELAP	3030	J	2100	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	2420		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Trichloroethene	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Trichlorofluoromethane	NELAP	3030		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Vinyl acetate	NELAP	30300		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Vinyl chloride	NELAP	1210		ND	µg/Kg-dry	500	9/15/2009 10:57:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		100.8	%REC	500	9/15/2009 10:57:00 AM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		104.0	%REC	500	9/15/2009 10:57:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		102.5	%REC	500	9/15/2009 10:57:00 AM	RWE
Surr: Toluene-d8		80.1-122		101.0	%REC	500	9/15/2009 10:57:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090415  
**Lab ID:** 09090415-001  
**Report Date:** 18-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-H3.5-F(20)  
**Collection Date:** 9/10/2009 9:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.009</b>	mg/Kg-dry	1	9/14/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.562		<b>Interference</b>	mg/Kg-dry	1	9/15/2009 8:21:14 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56		<b>&lt; 0.56</b>	mg/Kg-dry	1	9/15/2009 8:21:14 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

1,4-Dichlorobenzene and Hexachloroethane were outside the LCS QC limits. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

Sample result was more than 10 times the blank contamination. Data is reportable.

Naphthalene was outside of recovery limits in the LCS. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090415  
**Lab ID:** 09090415-002  
**Report Date:** 18-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-H5-F(20.5)  
**Collection Date:** 9/10/2009 1:15:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		11.6	%	1	9/14/2009 11:45:00 AM	MK
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.4	%	1	9/14/2009 11:45:00 AM	MK
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		4.70	mg/Kg-dry	1	9/15/2009 11:37:23 AM	LAL
Barium	NELAP	0.47		17.6	mg/Kg-dry	1	9/15/2009 11:37:23 AM	LAL
Cadmium	NELAP	0.19		0.28	mg/Kg-dry	1	9/15/2009 11:37:23 AM	LAL
Chromium	NELAP	0.94		16.3	mg/Kg-dry	1	9/15/2009 11:37:23 AM	LAL
Lead	NELAP	3.77		10.9	mg/Kg-dry	1	9/15/2009 11:37:23 AM	LAL
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	9/15/2009 11:37:23 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	9/16/2009 2:29:44 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.095		2.83	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Acenaphthylene	NELAP	0.095		0.478	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Anthracene	NELAP	0.095		1.53	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Benzo(a)anthracene	NELAP	0.095		0.942	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Benzo(a)pyrene	NELAP	0.095		0.845	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.095		0.668	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.095		0.377	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.095		0.227	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	1.87		ND	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Chrysene	NELAP	0.095		0.949	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.095	J	0.093	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Fluoranthene	NELAP	0.095		2.11	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Fluorene	NELAP	0.095		1.67	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.095		0.295	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Naphthalene	NELAP	0.095		20.2	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Phenanthrene	NELAP	0.095		5.63	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Pyrene	NELAP	0.095		2.91	mg/Kg-dry	25	9/16/2009 3:48:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		49.0	%REC	25	9/16/2009 3:48:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		44.0	%REC	25	9/16/2009 3:48:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		73.0	%REC	25	9/16/2009 3:48:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090415  
**Lab ID:** 09090415-002  
**Report Date:** 18-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-H5-F(20.5)  
**Collection Date:** 9/10/2009 1:15:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
2-Chloronaphthalene	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
2-Chlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
2-Methoxy-4-methylphenol		0.727		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
2-Methylnaphthalene	NELAP	3.92		10.9	mg/Kg-dry	10	9/16/2009 2:11:00 PM	DMH
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
2-Nitrophenol	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
4-Chloroaniline	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
4-Nitroaniline	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
4-Nitrophenol	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Aniline	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Azobenzene		0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Benzidine	NELAP	1.18		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Benzoic acid	NELAP	1.68		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Benzyl alcohol	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Carbazole		0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Dibenzofuran	NELAP	0.392		0.410	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Diethyl phthalate	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Dimethyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Hexachlorobenzene	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090415  
**Lab ID:** 09090415-002  
**Report Date:** 18-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-H5-F(20.5)  
**Collection Date:** 9/10/2009 1:15:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Hexachloroethane	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Isophorone	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
m,p-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Nitrobenzene	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
o-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Pentachlorophenol	NELAP	2.24		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Phenol	NELAP	0.392		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Pyridine	NELAP	0.559		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
1,2-Diphenylhydrazine		0.940		ND	mg/Kg-dry	1	9/16/2009 2:26:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		66.4	%REC	1	9/16/2009 2:26:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		57.4	%REC	1	9/16/2009 2:26:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		54.1	%REC	1	9/16/2009 2:26:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		50.6	%REC	1	9/16/2009 2:26:00 AM	DMH
Surr: Phenol-d5		34.9-110		59.7	%REC	1	9/16/2009 2:26:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		83.0	%REC	1	9/16/2009 2:26:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,1,1-Trichloroethane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,1,2-Trichloroethane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,1-Dichloro-2-propanone		50000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,1-Dichloroethane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,1-Dichloroethene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,1-Dichloropropene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,2,3-Trichloropropane	NELAP	10000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,2,3-Trimethylbenzene		5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	5000	J	1100	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,2-Dibromoethane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,2-Dichlorobenzene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090415  
**Lab ID:** 09090415-002  
**Report Date:** 18-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-H5-F(20.5)  
**Collection Date:** 9/10/2009 1:15:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,2-Dichloropropane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,3-Dichlorobenzene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,3-Dichloropropane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1,4-Dichlorobenzene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
1-Chlorobutane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
2,2-Dichloropropane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
2-Butanone	NELAP	50000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
2-Chlorotoluene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
2-Hexanone	NELAP	50000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
2-Nitropropane	NELAP	50000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
4-Chlorotoluene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
4-Methyl-2-pentanone	NELAP	50000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Acetone	NELAP	50000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Acrolein	NELAP	100000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Acrylonitrile	NELAP	10000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Allyl chloride	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Benzene	NELAP	1000		14400	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Bromobenzene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Bromochloromethane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Bromodichloromethane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Bromoform	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Bromomethane	NELAP	10000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Carbon disulfide	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Carbon tetrachloride	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Chlorobenzene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Chloroethane	NELAP	10000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Chloroform	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Chloromethane	NELAP	10000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	4000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Cyclohexanone		100000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Dibromochloromethane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Dibromomethane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Dichlorodifluoromethane	NELAP	10000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Ethyl acetate	NELAP	50000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Ethyl ether	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090415  
**Lab ID:** 09090415-002  
**Report Date:** 18-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-H5-F(20.5)  
**Collection Date:** 9/10/2009 1:15:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Ethylbenzene	NELAP	5000		6950	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Heptane		20000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Hexachlorobutadiene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Hexachloroethane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Iodomethane	NELAP	10000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Isopropylbenzene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
m,p-Xylenes	NELAP	5000	J	4900	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Methacrylonitrile	NELAP	50000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Methyl Methacrylate	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Methyl tert-butyl ether	NELAP	2000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Methylacrylate		10000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Methylene chloride	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Naphthalene	NELAP	10000		20600	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
n-Butylbenzene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
n-Hexane		20000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Nitrobenzene	NELAP	100000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
n-Propylbenzene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
o-Xylene	NELAP	5000		5730	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Pentachloroethane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
p-Isopropyltoluene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Propionitrile	NELAP	50000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
sec-Butylbenzene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Styrene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
tert-Butylbenzene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Tetrachloroethene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Tetrahydrofuran	NELAP	50000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Toluene	NELAP	5000	J	1900	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	4000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Trichloroethene	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Trichlorofluoromethane	NELAP	5000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Vinyl acetate	NELAP	50000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Vinyl chloride	NELAP	2000		ND	µg/Kg-dry	500	9/15/2009 11:24:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		102.8	%REC	500	9/15/2009 11:24:00 AM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		100.7	%REC	500	9/15/2009 11:24:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		102.3	%REC	500	9/15/2009 11:24:00 AM	RWE
Surr: Toluene-d8		80.1-122		100.1	%REC	500	9/15/2009 11:24:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090415  
**Lab ID:** 09090415-002  
**Report Date:** 18-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-H5-F(20.5)  
**Collection Date:** 9/10/2009 1:15:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.007</b>	mg/Kg-dry	1	9/15/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.566		<b>Interference</b>	mg/Kg-dry	1	9/15/2009 8:21:14 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.57	J	<b>0.56</b>	mg/Kg-dry	1	9/15/2009 8:21:14 AM	RCE

### Sample Narrative

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

1,4-Dichlorobenzene and Hexachloroethane were outside the LCS QC limits. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

Sample result was more than 10 times the blank contamination. Data is reportable.

Naphthalene was outside of recovery limits in the LCS. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

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

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225/Ameren C

**WorkOrder:** 09090415

**Client Sample ID:** P1-F5-F(20)

**Lab ID:** 09090415-003

**Collection Date:** 9/11/2009 10:10:00 AM

**Report Date:** 18-Sep-09

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst	
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>									
Percent Moisture		0.1		10.6	%	1	9/14/2009 11:45:00 AM	MK	
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>									
Total Solids		0.1		89.4	%	1	9/14/2009 11:45:00 AM	MK	
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>									
Arsenic	NELAP	2.36		3.87	mg/Kg-dry	1	9/15/2009 11:44:04 AM	LAL	
Barium	NELAP	0.47		14.7	mg/Kg-dry	1	9/15/2009 11:44:04 AM	LAL	
Cadmium	NELAP	0.19		0.28	mg/Kg-dry	1	9/15/2009 11:44:04 AM	LAL	
Chromium	NELAP	0.94		15.3	mg/Kg-dry	1	9/15/2009 11:44:04 AM	LAL	
Lead	NELAP	3.77		9.24	mg/Kg-dry	1	9/15/2009 11:44:04 AM	LAL	
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	9/15/2009 11:44:04 AM	LAL	
<b><u>SW-846 3050B, METALS BY GFAA</u></b>									
Selenium	7740	NELAP	0.577	S	< 0.577	mg/Kg-dry	1	9/16/2009 2:33:06 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
Acenaphthene	NELAP	0.004		0.008	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Acenaphthylene	NELAP	0.004		0.038	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Anthracene	NELAP	0.004		0.019	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Benzo(a)anthracene	NELAP	0.004		0.015	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Benzo(a)pyrene	NELAP	0.004		0.015	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Benzo(b)fluoranthene	NELAP	0.004		0.012	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Benzo(g,h,i)perylene	NELAP	0.004		0.009	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Benzo(k)fluoranthene	NELAP	0.004		0.004	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Bis(2-ethylhexyl)phthalate	NELAP	0.073		ND	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Chrysene	NELAP	0.004		0.017	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Fluoranthene	NELAP	0.004		0.028	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Fluorene	NELAP	0.004		0.021	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.006	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Naphthalene	NELAP	0.004	B	0.548	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Phenanthrene	NELAP	0.004		0.066	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Pyrene	NELAP	0.004		0.043	mg/Kg-dry	1	9/16/2009 4:24:00 AM	MAV	
Surr: 2-Fluorobiphenyl		10-131		55.0	%REC	1	9/16/2009 4:24:00 AM	MAV	
Surr: Nitrobenzene-d5		10-132		53.1	%REC	1	9/16/2009 4:24:00 AM	MAV	
Surr: p-Terphenyl-d14		30.6-131		69.9	%REC	1	9/16/2009 4:24:00 AM	MAV	
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
1,2,4-Trichlorobenzene	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH	
1,2-Dichlorobenzene	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH	
1,3-Dichlorobenzene	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH	
1,4-Dichlorobenzene	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH	

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090415  
**Lab ID:** 09090415-003  
**Report Date:** 18-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-F5-F(20)  
**Collection Date:** 9/11/2009 10:10:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.09		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
2-Chloronaphthalene	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
2-Chlorophenol	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
2-Methoxy-4-methylphenol		0.708		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
2-Methylnaphthalene	NELAP	0.381	J	0.17	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
2-Nitroaniline	NELAP	1.09		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
2-Nitrophenol	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
3-Nitroaniline	NELAP	1.09		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.09		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
4-Chloroaniline	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
4-Nitroaniline	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
4-Nitrophenol	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Aniline	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Azobenzene		0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Benzidine	NELAP	1.15		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Benzoic acid	NELAP	1.63		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Benzyl alcohol	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Carbazole		0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Dibenzofuran	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Diethyl phthalate	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Dimethyl phthalate	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Hexachlorobenzene	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 09090415

**Lab ID:** 09090415-003

**Report Date:** 18-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C

**Client Sample ID:** P1-F5-F(20)

**Collection Date:** 9/11/2009 10:10:00 AM

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Hexachloroethane	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Isophorone	NELAP	0.381		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
m,p-Cresol	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Nitrobenzene	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
o-Cresol	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Pentachlorophenol	NELAP	2.18		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Phenol	NELAP	0.381	J	0.21	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Pyridine	NELAP	0.545		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
1,2-Diphenylhydrazine		0.915		ND	mg/Kg-dry	1	9/16/2009 2:58:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		68.9	%REC	1	9/16/2009 2:58:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		73.1	%REC	1	9/16/2009 2:58:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		63.6	%REC	1	9/16/2009 2:58:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		60.1	%REC	1	9/16/2009 2:58:00 AM	DMH
Surr: Phenol-d5		34.9-110		72.9	%REC	1	9/16/2009 2:58:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		96.8	%REC	1	9/16/2009 2:58:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,1,1-Trichloroethane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,1,2-Trichloroethane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,1-Dichloro-2-propanone		35100		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,1-Dichloroethane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,1-Dichloroethene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,1-Dichloropropene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,2,3-Trichloropropane	NELAP	7020		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,2,3-Trimethylbenzene		3510		3760	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	3510		10800	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,2-Dibromoethane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,2-Dichlorobenzene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090415  
**Lab ID:** 09090415-003  
**Report Date:** 18-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-F5-F(20)  
**Collection Date:** 9/11/2009 10:10:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,2-Dichloropropane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	3510	J	3300	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,3-Dichlorobenzene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,3-Dichloropropane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1,4-Dichlorobenzene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
1-Chlorobutane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
2,2-Dichloropropane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
2-Butanone	NELAP	35100		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
2-Chlorotoluene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
2-Hexanone	NELAP	35100		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
2-Nitropropane	NELAP	35100		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
4-Chlorotoluene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
4-Methyl-2-pentanone	NELAP	35100		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Acetone	NELAP	35100		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Acrolein	NELAP	70200		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Acrylonitrile	NELAP	7020		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Allyl chloride	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Benzene	NELAP	702		41000	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Bromobenzene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Bromochloromethane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Bromodichloromethane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Bromoform	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Bromomethane	NELAP	7020		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Carbon disulfide	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Carbon tetrachloride	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Chlorobenzene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Chloroethane	NELAP	7020		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Chloroform	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Chloromethane	NELAP	7020		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	2810		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Cyclohexanone		70200		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Dibromochloromethane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Dibromomethane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Dichlorodifluoromethane	NELAP	7020		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Ethyl acetate	NELAP	35100		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Ethyl ether	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090415  
**Lab ID:** 09090415-003  
**Report Date:** 18-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-F5-F(20)  
**Collection Date:** 9/11/2009 10:10:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Ethyl methacrylate	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Ethylbenzene	NELAP	3510		5110	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Heptane		14000		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Hexachlorobutadiene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Hexachloroethane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Iodomethane	NELAP	7020		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Isopropylbenzene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
m,p-Xylenes	NELAP	3510		11900	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Methacrylonitrile	NELAP	35100		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Methyl Methacrylate	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Methyl tert-butyl ether	NELAP	1400		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Methylacrylate		7020		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Methylene chloride	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Naphthalene	NELAP	14000		204000	µg/Kg-dry	1000	9/16/2009 7:51:00 AM	RWE
n-Butylbenzene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
n-Hexane		14000		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Nitrobenzene	NELAP	70200		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
n-Propylbenzene	NELAP	3510	J	740	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
o-Xylene	NELAP	3510		9270	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Pentachloroethane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
p-Isopropyltoluene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Propionitrile	NELAP	35100		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
sec-Butylbenzene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Styrene	NELAP	3510		4630	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
tert-Butylbenzene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Tetrachloroethene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Tetrahydrofuran	NELAP	35100		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Toluene	NELAP	3510	J	2600	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	2810		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Trichloroethene	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Trichlorofluoromethane	NELAP	3510		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Vinyl acetate	NELAP	35100		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Vinyl chloride	NELAP	1400		ND	µg/Kg-dry	500	9/15/2009 11:50:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		101.3	%REC	500	9/15/2009 11:50:00 AM	RWE
Surr: 4-Bromofluorobenzene		78.2-117		103.6	%REC	500	9/15/2009 11:50:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		102.6	%REC	500	9/15/2009 11:50:00 AM	RWE
Surr: Toluene-d8		80.1-122		101.7	%REC	500	9/15/2009 11:50:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 09090415  
**Lab ID:** 09090415-003  
**Report Date:** 18-Sep-09

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P1-F5-F(20)  
**Collection Date:** 9/11/2009 10:10:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.009</b>	mg/Kg-dry	1	9/14/2009	ALU
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.559		<b>&lt; 0.559</b>	mg/Kg-dry	1	9/15/2009 8:21:14 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56	J	<b>0.30</b>	mg/Kg-dry	1	9/15/2009 8:21:14 AM	RCE

### Sample Narrative

SW-846 3050B, Metals by GFAA

Se- Matrix interference present in sample.

SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS

1,4-Dichlorobenzene and Hexachloroethane were outside the LCS QC limits. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS

Sample result was more than 10 times the blank contamination. Data is reportable.

Naphthalene was outside of recovery limits in the LCS. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

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

ENVIRONMENTAL TESTING LABORATORY

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**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09090415

**Report Date:** 18-Sep-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09090415-001A	P1-H3.5-F(20)	9/10/2009	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/11/2009 4:33:26 PM	9/16/2009 1:59:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	9/11/2009 4:27:19 PM	9/16/2009 1:55:00 AM
09090415-001B				SW-846 3050B, 6010B, Metals by ICP	9/14/2009 9:51:13 AM	9/15/2009 11:30:42 AM
				SW-846 3050B, Metals by GFAA	9/14/2009 11:08:38 AM	9/16/2009 2:26:20 PM
				SW-846 7471A	9/14/2009 3:56:24 PM	9/14/2009
09090415-001C				EPA SW846 3550C, 5035A, ASTM D2974		9/14/2009 11:45:00 AM
				Standard Methods 18th Ed. 2540 G		9/14/2009 11:45:00 AM
				SW-846 9012A		9/15/2009 8:21:14 AM
				SW-846 9012A (Total)		9/15/2009 8:21:14 AM
09090415-001F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/15/2009 10:57:00 AM
09090415-002A	P1-H5-F(20.5)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/11/2009 4:33:26 PM	9/16/2009 3:48:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	9/11/2009 4:27:19 PM	9/16/2009 2:26:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	9/11/2009 4:27:19 PM	9/16/2009 2:11:00 PM
09090415-002B				SW-846 3050B, 6010B, Metals by ICP	9/14/2009 9:51:14 AM	9/15/2009 11:37:23 AM
				SW-846 3050B, Metals by GFAA	9/14/2009 11:08:38 AM	9/16/2009 2:29:44 PM
				SW-846 7471A	9/15/2009 4:22:19 PM	9/15/2009
09090415-002C				EPA SW846 3550C, 5035A, ASTM D2974		9/14/2009 11:45:00 AM
				Standard Methods 18th Ed. 2540 G		9/14/2009 11:45:00 AM
				SW-846 9012A		9/15/2009 8:21:14 AM
				SW-846 9012A (Total)		9/15/2009 8:21:14 AM
09090415-002F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/15/2009 11:24:00 AM
09090415-003A	P1-F5-F(20)	9/11/2009		SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/11/2009 4:33:26 PM	9/16/2009 4:24:00 AM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09090415

**Report Date:** 18-Sep-09

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
09090415-003A	P1-F5-F(20)	9/11/2009	Solid	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	9/11/2009 4:27:19 PM	9/16/2009 2:58:00 AM
09090415-003B				SW-846 3050B, 6010B, Metals by ICP	9/14/2009 9:51:14 AM	9/15/2009 11:44:04 AM
				SW-846 3050B, Metals by GFAA	9/14/2009 11:08:38 AM	9/16/2009 2:33:06 PM
				SW-846 3050B, Metals by GFAA	9/14/2009 11:08:38 AM	9/16/2009 4:06:46 PM
				SW-846 7471A	9/14/2009 3:56:25 PM	9/14/2009
09090415-003C				EPA SW846 3550C, 5035A, ASTM D2974		9/14/2009 11:45:00 AM
				Standard Methods 18th Ed. 2540 G		9/14/2009 11:45:00 AM
				SW-846 9012A		9/15/2009 8:21:14 AM
				SW-846 9012A (Total)		9/15/2009 8:21:14 AM
09090415-003F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/15/2009 11:50:00 AM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/16/2009 7:51:00 AM



**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- 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.
- 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. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- 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. (NELAC) The acceptable recovery range is listed in this report.
- LCS/D** 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 this report.
- 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 this report.
- 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 this report.
- MDL** Method detection limit or limit of detection (LOD) 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.
- MB/LCB** Method blank or lab control 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 are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) 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 this report.
- 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 this report.
- 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. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

**Qualifiers**

<b>DF</b> - Dilution Factor	<b>B</b> - Analyte detected in the associated Method Blank	<b>C</b> - Client requested RL below PQL	<b>MI</b> - Matrix interference
<b>RL</b> - Reporting Limit	<b>J</b> - Analyte detected below reporting limits	<b>D</b> - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	<b>R</b> - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	<b>S</b> - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count ( > 200 CFU )	<b>X</b> - Value exceeds Maximum Contaminant Level	<b>#</b> - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 62403053

Lab Order: 09090415

Report Date: 18-Sep-09

## ANALYTICAL QC SUMMARY REPORT

Test Number: M2540 G

Sample ID: <b>LCS-R126840</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>126840</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126840</b>		Analysis Date: <b>9/14/2009</b>	SeqNo: <b>2383519</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Sample ID: <b>09090415-003CDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>126840</b>							
Client ID: <b>P1-F5-F(20)DUP</b>	Batch ID: <b>R126840</b>		Analysis Date: <b>9/14/2009</b>	SeqNo: <b>2383529</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 89.6 0.1 89.37 0.268 15

Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>126840</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126840</b>		Analysis Date: <b>9/14/2009</b>	SeqNo: <b>2383558</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 1.0 0.1 1.000 0 100 90 110

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW6010B

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>MB-55424</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>9/14/2009</b>	RunNo: <b>126832</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55424</b>	<b>SOP 3032</b>				Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2383745</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Barium	< 0.50	0.50	0.5000	0	0	-100	100				
Cadmium	< 0.20	0.20	0.2000	0	0	-100	100				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Sample ID: <b>LCS-55424</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>9/14/2009</b>	RunNo: <b>126832</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55424</b>	<b>SOP 3032</b>				Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2383746</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	202	2.50	200.0	0	101.2	85	115				
Barium	209	0.50	200.0	0	104.4	85	115				
Cadmium	5.05	0.20	5.000	0	101.0	85	115				
Chromium	20.7	1.00	20.00	0	103.6	85	115				
Lead	51.1	4.00	50.00	0	102.1	85	115				
Silver	4.81	0.55	5.000	0	96.2	85	115				

Sample ID: <b>09090415-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>9/14/2009</b>	RunNo: <b>126832</b>				
Client ID: <b>P1-F5-F(20)MS</b>	Batch ID: <b>55424</b>	<b>SOP 3032</b>				Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2383932</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	175	2.36	188.7	3.868	90.9	75	125				
Barium	173	0.47	188.7	14.69	83.8	75	125				
Cadmium	4.19	0.19	4.717	0.2830	82.8	75	125				
Chromium	33.4	0.94	18.87	15.27	96.3	75	125				
Lead	49.5	3.77	47.17	9.236	85.4	75	125				
Silver	3.73	0.52	4.717	0	79.0	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW6010B

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>09090415-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>9/14/2009</b>	RunNo: <b>126832</b>				
Client ID: <b>P1-F5-F(20)MSD</b>	Batch ID: <b>55424</b>	<b>SOP 3032</b>				Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2383933</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	175	2.36	188.7	3.868	90.6	75	125	175.3	0.269	20	
Barium	172	0.47	188.7	14.69	83.4	75	125	172.7	0.383	20	
Cadmium	4.20	0.19	4.717	0.2830	83.0	75	125	4.189	0.225	20	
Chromium	32.8	0.94	18.87	15.27	92.6	75	125	33.44	2.08	20	
Lead	49.2	3.77	47.17	9.236	84.8	75	125	49.54	0.611	20	
Silver	4.01	0.52	4.717	0	85.0	75	125	3.726	7.32	20	

Sample ID: <b>MB-55424</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>9/14/2009</b>	RunNo: <b>126842</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55424</b>	<b>SOP 3032</b>				Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2384411</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	< 4.00	4.00	4.000	0	0	-100	100				

Sample ID: <b>LCS-55424</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>9/14/2009</b>	RunNo: <b>126842</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55424</b>	<b>SOP 3032</b>				Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2384412</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	51.0	4.00	50.00	0	102.1	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW7000 G

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>LCS-55426</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/14/2009</b>	RunNo: <b>126932</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55426</b>	<b>SOP 3042</b>	Analysis Date: <b>9/16/2009</b>	SeqNo: <b>2385717</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.64	0.600	3.000	0	88.0	80	120			
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Sample ID: <b>09090415-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/14/2009</b>	RunNo: <b>126932</b>							
Client ID: <b>P1-F5-F(20)MS</b>	Batch ID: <b>55426</b>	<b>SOP 3042</b>	Analysis Date: <b>9/16/2009</b>	SeqNo: <b>2385721</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.00	0.577	2.885	0	69.5	70	130			S
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Sample ID: <b>09090415-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/14/2009</b>	RunNo: <b>126932</b>							
Client ID: <b>P1-F5-F(20)MSD</b>	Batch ID: <b>55426</b>	<b>SOP 3042</b>	Analysis Date: <b>9/16/2009</b>	SeqNo: <b>2385722</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	1.87	0.577	2.885	0	64.7	70	130	2.005	7.20	20	S
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Sample ID: <b>MB-55426</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/14/2009</b>	RunNo: <b>126932</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55426</b>	<b>SOP 3042</b>	Analysis Date: <b>9/16/2009</b>	SeqNo: <b>2385741</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	< 0.600	0.600	0.6000	0	0	-100	100			
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW7471 A

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>MB-55442</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/14/2009</b>	RunNo: <b>126857</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55442</b>	<b>SOP 3063</b>	Analysis Date: <b>9/14/2009</b>	SeqNo: <b>2384075</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury < 0.010 0.010 0.01000 0 0 -100 100

Sample ID: <b>LCS-55442</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/14/2009</b>	RunNo: <b>126857</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55442</b>	<b>SOP 3063</b>	Analysis Date: <b>9/14/2009</b>	SeqNo: <b>2384113</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.280 0.010 0.2500 0 112.0 85 115

Sample ID: <b>MB-55463</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/15/2009</b>	RunNo: <b>126866</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55463</b>	<b>SOP 3063</b>	Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2384300</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury < 0.010 0.010 0.01000 0 0 -100 100

Sample ID: <b>09090415-002BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/15/2009</b>	RunNo: <b>126866</b>							
Client ID: <b>P1-H5-F(20.5)MS</b>	Batch ID: <b>55463</b>	<b>SOP 3063</b>	Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2384303</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.277 0.011 0.2663 0.007456 101.4 75 125

Sample ID: <b>09090415-002BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/15/2009</b>	RunNo: <b>126866</b>							
Client ID: <b>P1-H5-F(20.5)MSD</b>	Batch ID: <b>55463</b>	<b>SOP 3063</b>	Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2384304</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.281 0.011 0.2663 0.007456 102.8 75 125 0.2775 1.33 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW7471 A

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>LCS-55463</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/15/2009</b>	RunNo: <b>126866</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>55463</b>	<b>SOP 3063</b>	Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2384309</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.235	0.010	0.2500	0	94.0	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>LCS-A090915-2</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>9/15/2009</b>		RunNo: <b>126898</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>55492</b>		<b>SW5035</b>		Analysis Date: <b>9/15/2009</b>		SeqNo: <b>2384940</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylenes	48.7	5.0	50.00	0	97.4	77.6	120				
Methyl tert-butyl ether	54.9	2.0	50.00	0	109.8	69.8	121				
o-Xylene	52.2	5.0	50.00	0	104.4	82.4	124				
Benzene	50.7	1.0	50.00	0	101.3	77.9	123				
Toluene	50.9	5.0	50.00	0	101.9	80.2	115				
Ethylbenzene	51.3	5.0	50.00	0	102.6	80.9	119				
Naphthalene	52.1	10	50.00	0	104.1	75.7	123				
Surr: 1,2-Dichloroethane-d4	48.5		50.00		97.0	61	128				
Surr: 4-Bromofluorobenzene	51.4		50.00		102.7	78.2	117				
Surr: Dibromofluoromethane	51.6		50.00		103.2	66.6	130				
Surr: Toluene-d8	50.4		50.00		100.8	80.1	122				

Sample ID: <b>LCSD-A090915-2</b>		SampType: <b>LCSD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>9/15/2009</b>		RunNo: <b>126898</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>55492</b>		<b>SW5035</b>		Analysis Date: <b>9/15/2009</b>		SeqNo: <b>2384941</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylenes	46.4	5.0	50.00	0	92.7	77.6	120	48.69	4.90	20	
Methyl tert-butyl ether	51.4	2.0	50.00	0	102.9	69.8	121	54.90	6.51	20	
o-Xylene	49.5	5.0	50.00	0	98.9	82.4	124	52.21	5.39	20	
Benzene	48.4	1.0	50.00	0	96.7	77.9	123	50.66	4.65	20	
Toluene	47.8	5.0	50.00	0	95.7	80.2	115	50.93	6.28	20	
Ethylbenzene	48.6	5.0	50.00	0	97.2	80.9	119	51.32	5.44	20	
Naphthalene	48.2	10	50.00	0	96.5	75.7	123	52.06	7.60	20	
Surr: 1,2-Dichloroethane-d4	50.2		50.00		100.4	61	128		0	0	
Surr: 4-Bromofluorobenzene	52.2		50.00		104.5	78.2	117		0	0	
Surr: Dibromofluoromethane	51.7		50.00		103.4	66.6	130		0	0	
Surr: Toluene-d8	50.5		50.00		101.0	80.1	122		0	0	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>MBLK-A090915-2</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/15/2009</b>	RunNo: <b>126898</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55492</b>	<b>SW5035</b>	Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2384942</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylenes	ND	5.0									
Methyl tert-butyl ether	ND	2.0									
o-Xylene	ND	5.0									
Benzene	ND	1.0									
Toluene	ND	5.0									
Ethylbenzene	ND	5.0									
Naphthalene	ND	10									
Surr: 1,2-Dichloroethane-d4	50.0		50.00		100.1	61	128				
Surr: 4-Bromofluorobenzene	51.8		50.00		103.6	78.2	117				
Surr: Dibromofluoromethane	51.2		50.00		102.3	66.6	130				
Surr: Toluene-d8	50.9		50.00		101.8	80.1	122				

Sample ID: <b>LCS-A090915-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/15/2009</b>	RunNo: <b>126890</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55486</b>	<b>SW5035</b>	Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2384787</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	52.4	5.00	50.00	0	104.9	77.5	121				
1,1-Dichloroethene	46.4	5.00	50.00	0	92.9	52	133				
1,2-Dibromoethane	51.5	5.00	50.00	0	103.0	85.2	119				
1,2-Dichlorobenzene	51.7	5.00	50.00	0	103.4	84.2	122				
1,2-Dichloroethane	48.8	5.00	50.00	0	97.5	71.1	125				
1,3-Dichlorobenzene	53.4	5.00	50.00	0	106.7	83.3	125				
1,4-Dichlorobenzene	53.1	5.00	50.00	0	106.1	81.9	128				
2-Butanone	76.9	50.0	100.0	0	76.9	39.1	105				
Benzene	45.5	1.00	50.00	0	91.1	77.9	123				
Bromodichloromethane	54.6	5.00	50.00	0	109.3	87.9	119				
Carbon tetrachloride	53.3	5.00	50.00	0	106.7	77.5	128				
Chlorobenzene	49.8	5.00	50.00	0	99.7	87.8	120				
Chloroform	49.8	5.00	50.00	0	99.7	81.5	119				
Dibromochloromethane	52.6	5.00	50.00	0	105.1	88.6	119				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>LCS-A090915-1</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>9/15/2009</b>		RunNo: <b>126890</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>55486</b>		<b>SW5035</b>		Analysis Date: <b>9/15/2009</b>		SeqNo: <b>2384787</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	48.4	5.00	50.00	0	96.7	80.9	119				
m,p-Xylenes	48.0	5.00	50.00	0	96.0	77.6	120				
Methyl tert-butyl ether	48.9	2.00	50.00	0	97.9	69.8	121				
Methylene chloride	49.0	5.00	50.00	0	97.9	71.5	124				
Naphthalene	54.0	10.0	50.00	0	108.0	75.7	123				
o-Xylene	49.6	5.00	50.00	0	99.2	82.4	124				
Tetrachloroethene	49.4	5.00	50.00	0	98.7	74.2	113				
Toluene	47.4	5.00	50.00	0	94.7	80.2	115				
Trichloroethene	47.9	5.00	50.00	0	95.8	83.3	118				
Surr: 1,2-Dichloroethane-d4	51.2		50.00		102.3	61	128				
Surr: 4-Bromofluorobenzene	52.4		50.00		104.7	78.2	117				
Surr: Dibromofluoromethane	51.5		50.00		103.1	66.6	130				
Surr: Toluene-d8	49.8		50.00		99.6	80.1	122				

Sample ID: <b>LCSD-A090915-1</b>		SampType: <b>LCSD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>9/15/2009</b>		RunNo: <b>126890</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>55486</b>		<b>SW5035</b>		Analysis Date: <b>9/15/2009</b>		SeqNo: <b>2384788</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	55.7	5.00	50.00	0	111.4	77.5	121	52.45	6.03	20	
1,1-Dichloroethene	48.4	5.00	50.00	0	96.9	52	133	46.45	4.21	20	
1,2-Dibromoethane	51.4	5.00	50.00	0	102.9	85.2	119	51.52	0.136	20	
1,2-Dichlorobenzene	53.0	5.00	50.00	0	106.0	84.2	122	51.69	2.50	20	
1,2-Dichloroethane	51.0	5.00	50.00	0	101.9	71.1	125	48.77	4.37	20	
1,3-Dichlorobenzene	54.1	5.00	50.00	0	108.3	83.3	125	53.36	1.43	20	
1,4-Dichlorobenzene	54.5	5.00	50.00	0	109.1	81.9	128	53.06	2.75	20	
2-Butanone	67.7	50.0	100.0	0	67.7	39.1	105	76.92	12.8	20	
Benzene	48.1	1.00	50.00	0	96.2	77.9	123	45.54	5.51	20	
Bromodichloromethane	57.8	5.00	50.00	0	115.5	87.9	119	54.64	5.55	20	
Carbon tetrachloride	56.7	5.00	50.00	0	113.5	77.5	128	53.33	6.20	20	
Chlorobenzene	52.2	5.00	50.00	0	104.4	87.8	120	49.83	4.66	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8260B**

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>LCS-D-A090915-1</b>		SampType: <b>LCS-D</b>		Units: <b>µg/Kg</b>		Prep Date: <b>9/15/2009</b>			RunNo: <b>126890</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>55486</b>		<b>SW5035</b>		Analysis Date: <b>9/15/2009</b>			SeqNo: <b>2384788</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	52.9	5.00	50.00	0	105.8	81.5	119	49.83	5.94	20	
Dibromochloromethane	54.2	5.00	50.00	0	108.5	88.6	119	52.55	3.17	20	
Ethylbenzene	51.1	5.00	50.00	0	102.1	80.9	119	48.36	5.43	20	
m,p-Xylenes	49.0	5.00	50.00	0	98.0	77.6	120	47.98	2.06	20	
Methyl tert-butyl ether	49.0	2.00	50.00	0	98.0	69.8	121	48.93	0.123	20	
Methylene chloride	51.3	5.00	50.00	0	102.5	71.5	124	48.96	4.61	20	
Naphthalene	50.7	10.0	50.00	0	101.3	75.7	123	54.02	6.42	20	
o-Xylene	51.8	5.00	50.00	0	103.6	82.4	124	49.59	4.38	20	
Tetrachloroethene	50.8	5.00	50.00	0	101.6	74.2	113	49.35	2.94	20	
Toluene	49.7	5.00	50.00	0	99.4	80.2	115	47.35	4.80	20	
Trichloroethene	51.1	5.00	50.00	0	102.2	83.3	118	47.92	6.46	20	
Surr: 1,2-Dichloroethane-d4	50.0		50.00		100	61	128		0	0	
Surr: 4-Bromofluorobenzene	52.0		50.00		104.1	78.2	117		0	0	
Surr: Dibromofluoromethane	51.6		50.00		103.3	66.6	130		0	0	
Surr: Toluene-d8	50.6		50.00		101.2	80.1	122		0	0	

Sample ID: <b>LCS-G-A090915-1</b>		SampType: <b>LCS-G</b>		Units: <b>%REC</b>		Prep Date: <b>9/15/2009</b>			RunNo: <b>126890</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>55486</b>		<b>SW5035</b>		Analysis Date: <b>9/15/2009</b>			SeqNo: <b>2384790</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	50.2		50.00		100.5	61	128				
Surr: 4-Bromofluorobenzene	52.4		50.00		104.8	78.2	117				
Surr: Dibromofluoromethane	48.8		50.00		97.7	66.6	130				
Surr: Toluene-d8	50.5		50.00		101.0	80.1	122				

Sample ID: <b>LCS-G-D-A090915-1</b>		SampType: <b>LCS-G-D</b>		Units: <b>%REC</b>		Prep Date: <b>9/15/2009</b>			RunNo: <b>126890</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>55486</b>		<b>SW5035</b>		Analysis Date: <b>9/15/2009</b>			SeqNo: <b>2384791</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	47.4		50.00		94.7	61	128		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>LCSGD-A090915-1</b>	SampType: <b>LCSGD</b>	Units: <b>%REC</b>	Prep Date: <b>9/15/2009</b>	RunNo: <b>126890</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55486</b>	<b>SW5035</b>	Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2384791</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	51.8		50.00		103.7	78.2	117		0	0	
Surr: Dibromofluoromethane	47.7		50.00		95.4	66.6	130		0	0	
Surr: Toluene-d8	50.3		50.00		100.6	80.1	122		0	0	

Sample ID: <b>MBLK-A090915-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/15/2009</b>	RunNo: <b>126890</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55486</b>	<b>SW5035</b>	Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2384792</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.00									
1,1,1-Trichloroethane	ND	5.00									
1,1,2,2-Tetrachloroethane	ND	5.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.00									
1,1,2-Trichloroethane	ND	5.00									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.00									
1,1-Dichloroethene	ND	5.00									
1,1-Dichloropropene	ND	5.00									
1,2,3-Trichlorobenzene	ND	5.00									
1,2,3-Trichloropropane	ND	10.0									
1,2,3-Trimethylbenzene	ND	5.00									
1,2,4-Trichlorobenzene	ND	5.00									
1,2,4-Trimethylbenzene	ND	5.00									
1,2-Dibromo-3-chloropropane	ND	5.00									
1,2-Dibromoethane	ND	5.00									
1,2-Dichlorobenzene	ND	5.00									
1,2-Dichloroethane	ND	5.00									
1,2-Dichloropropane	ND	5.00									
1,3,5-Trimethylbenzene	ND	5.00									
1,3-Dichlorobenzene	ND	5.00									
1,3-Dichloropropane	ND	5.00									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>MBLK-A090915-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/15/2009</b>	RunNo: <b>126890</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55486</b>	<b>SW5035</b>	Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2384792</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	ND	5.00									
1-Chlorobutane	ND	5.00									
2,2-Dichloropropane	ND	5.00									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.00									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.00									
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10.0									
Allyl chloride	ND	5.00									
Benzene	ND	1.00									
Bromobenzene	ND	5.00									
Bromochloromethane	ND	5.00									
Bromodichloromethane	ND	5.00									
Bromoform	ND	5.00									
Bromomethane	ND	10.0									
Carbon disulfide	ND	5.00									
Carbon tetrachloride	ND	5.00									
Chlorobenzene	ND	5.00									
Chloroethane	ND	10.0									
Chloroform	ND	5.00									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	5.00									
cis-1,3-Dichloropropene	ND	4.00									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.00									
Dibromomethane	ND	5.00									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09090415

Report Date: 18-Sep-09

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	10.0									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.00									
Ethyl methacrylate	ND	5.00									
Ethylbenzene	ND	5.00									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.00									
Hexachloroethane	ND	5.00									
Iodomethane	ND	10.0									
Isopropylbenzene	ND	5.00									
m,p-Xylenes	ND	5.00									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.00									
Methyl tert-butyl ether	ND	2.00									
Methylacrylate	ND	10.0									
Methylene chloride	ND	5.00									
Naphthalene	ND	10.0									
n-Butylbenzene	ND	5.00									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.00									
o-Xylene	ND	5.00									
Pentachloroethane	ND	5.00									
p-Isopropyltoluene	ND	5.00									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.00									
Styrene	ND	5.00									
tert-Butylbenzene	ND	5.00									
Tetrachloroethene	ND	5.00									
Tetrahydrofuran	ND	50.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8260B

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>MBLK-A090915-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/15/2009</b>	RunNo: <b>126890</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55486</b>	<b>SW5035</b>	Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2384792</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	ND	5.00									
trans-1,2-Dichloroethene	ND	5.00									
trans-1,3-Dichloropropene	ND	4.00									
Trichloroethene	ND	5.00									
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.00									
Surr: 1,2-Dichloroethane-d4	49.4		50.00		98.7	61	128				
Surr: 4-Bromofluorobenzene	51.0		50.00		102.1	78.2	117				
Surr: Dibromofluoromethane	50.4		50.00		100.9	66.6	130				
Surr: Toluene-d8	50.1		50.00		100.2	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: MB-55405	SampType: MBLK	Units: mg/Kg	Prep Date: 9/11/2009	RunNo: 126873							
Client ID: ZZZZZZ	Batch ID: 55405	SW3550B	Analysis Date: 9/16/2009	SeqNo: 2384574							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: MB-55405	SampType: MBLK	Units: mg/Kg	Prep Date: 9/11/2009	RunNo: 126873							
Client ID: ZZZZZZ	Batch ID: 55405	SW3550B	Analysis Date: 9/16/2009	SeqNo: 2384574							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>MB-55405</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/11/2009</b>	RunNo: <b>126873</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55405</b>	<b>SW3550B</b>	Analysis Date: <b>9/16/2009</b>	SeqNo: <b>2384574</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.44		1.670		86.1	52.1	113				
Surr: 2-Fluorobiphenyl	0.671		0.8350		80.4	46.3	106				
Surr: 2-Fluorophenol	1.12		1.670		66.9	50.6	89				
Surr: Nitrobenzene-d5	0.525		0.8350		62.9	42.4	99.2				
Surr: Phenol-d5	1.25		1.670		75.0	55.9	98.5				
Surr: p-Terphenyl-d14	0.903		0.8350		108.1	45.5	115				

Sample ID: <b>LCS-55405</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/11/2009</b>	RunNo: <b>126873</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55405</b>	<b>SW3550B</b>	Analysis Date: <b>9/16/2009</b>	SeqNo: <b>2384575</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.03	0.500	1.670	0	61.8	43.9	92.2				
1,4-Dichlorobenzene	0.674	0.500	1.670	0	40.4	43.8	84.1				S
2,4,5-Trichlorophenol	2.44	0.350	3.330	0	73.2	38.6	123				
2,4,6-Trichlorophenol	2.29	0.350	3.330	0	68.9	35.9	123				
2,4-Dimethylphenol	1.73	0.500	3.330	0	52.0	38.3	88				
2,4-Dinitrophenol	2.66	1.00	3.330	0	79.7	1.88	162				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: LCS-55405	SampType: LCS	Units: mg/Kg				Prep Date: 9/11/2009	RunNo: 126873				
Client ID: ZZZZZZ	Batch ID: 55405	SW3550B				Analysis Date: 9/16/2009	SeqNo: 2384575				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.19	0.350	1.670	0	71.0	48.6	102				
2-Chlorophenol	1.91	0.500	3.330	0	57.5	46.6	84				
4-Chloro-3-methylphenol	2.41	0.500	3.330	0	72.5	51.5	94.9				
4-Nitrophenol	2.56	0.350	3.330	0	76.9	53.2	104				
Acenaphthene	1.15	0.350	1.670	0	69.2	50.8	113				
Acenaphthylene	1.63	0.350	1.670	0	97.6	52.8	121				
Anthracene	1.22	0.350	1.670	0	73.2	53.3	115				
Benzo(a)anthracene	1.04	0.350	1.670	0	62.4	62.3	110				
Benzo(a)pyrene	1.16	0.350	1.670	0	69.6	58.2	109				
Benzo(b)fluoranthene	1.12	0.350	1.670	0	67.3	51.8	107				
Benzo(g,h,i)perylene	1.22	0.350	1.670	0	72.9	49.6	121				
Benzo(k)fluoranthene	1.32	0.350	1.670	0	79.1	63.1	129				
Bis(2-ethylhexyl)phthalate	1.11	0.350	1.670	0	66.4	56.3	109				
Chrysene	1.33	0.350	1.670	0	79.5	58.4	115				
Dibenzo(a,h)anthracene	1.33	0.350	1.670	0	79.5	54.9	120				
Diethyl phthalate	2.31	0.500	3.330	0	69.4	51.7	106				
Dimethyl phthalate	2.25	0.350	3.330	0	67.7	58.8	104				
Di-n-butyl phthalate	1.29	0.350	1.670	0	77.2	54.3	105				
Fluoranthene	1.26	0.350	1.670	0	75.5	61.6	113				
Fluorene	1.20	0.350	1.670	0	71.9	52.2	116				
Hexachlorobenzene	2.26	0.350	3.330	0	67.8	55.9	106				
Hexachlorobutadiene	1.76	0.500	3.330	0	52.8	35.7	100				
Hexachloroethane	1.25	0.500	3.330	0	37.4	38.9	89.9				S
Indeno(1,2,3-cd)pyrene	1.25	0.350	1.670	0	75.1	52.7	115				
m,p-Cresol	0.984	0.500	1.670	0	58.9	37.6	93.7				
Naphthalene	0.865	0.350	1.670	0	51.8	45.7	101				
Nitrobenzene	1.81	0.500	3.330	0	54.3	51.8	104				
N-Nitroso-di-n-propylamine	0.927	0.500	1.670	0	55.5	49.1	94.5				
o-Cresol	1.04	0.500	1.670	0	62.2	43	101				
Pentachlorophenol	2.29	2.00	3.330	0	68.8	42.2	102				

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>LCS-55405</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>9/11/2009</b>		RunNo: <b>126873</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>55405</b>		<b>SW3550B</b>		Analysis Date: <b>9/16/2009</b>		SeqNo: <b>2384575</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.25	0.350	1.670	0	74.9	52.9	113				
Phenol	1.94	0.350	3.330	0	58.3	41.6	81.3				
Pyrene	1.19	0.500	1.670	0	71.2	60.7	115				
Pyridine	0.775	0.500	3.330	0	23.3	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.40		1.670		84.1	52.1	113				
Surr: 2-Fluorobiphenyl	0.597		0.8350		71.5	46.3	106				
Surr: 2-Fluorophenol	0.931		1.670		55.7	50.6	89				
Surr: Nitrobenzene-d5	0.460		0.8350		55.1	42.4	99.2				
Surr: Phenol-d5	1.06		1.670		63.2	55.9	98.5				
Surr: p-Terphenyl-d14	0.745		0.8350		89.2	45.5	115				

Sample ID: <b>09090415-003AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>9/11/2009</b>		RunNo: <b>126873</b>			
Client ID: <b>P1-F5-F(20)MS</b>		Batch ID: <b>55405</b>		<b>SW3550B</b>		Analysis Date: <b>9/16/2009</b>		SeqNo: <b>2384579</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.30	0.542	1.809	0	71.9	35.9	102				
1,4-Dichlorobenzene	1.12	0.542	1.809	0	61.7	29.8	95.5				
2,4,5-Trichlorophenol	2.63	0.379	3.607	0	72.9	38.6	123				
2,4,6-Trichlorophenol	2.51	0.379	3.607	0	69.5	35.9	123				
2,4-Dimethylphenol	2.53	0.542	3.607	0	70.1	38.3	88				
2,4-Dinitrophenol	2.21	1.08	3.607	0	61.3	1.88	162				
2,4-Dinitrotoluene	1.37	0.379	1.809	0	75.7	37.5	107				
2-Chlorophenol	2.61	0.542	3.607	0	72.5	22.6	108				
2-Methylnaphthalene	0.14	0.379	0	0.1685	0	0	0				J
4-Chloro-3-methylphenol	2.88	0.542	3.607	0	79.9	19.3	131				
4-Nitrophenol	2.71	0.379	3.607	0	75.2	27.6	123				
Diethyl phthalate	2.72	0.542	3.607	0	75.4	51.7	106				
Dimethyl phthalate	2.69	0.379	3.607	0	74.5	58.8	104				
Di-n-butyl phthalate	1.50	0.379	1.809	0	82.7	54.3	105				
Hexachlorobenzene	2.63	0.379	3.607	0	72.8	55.9	106				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>09090415-003AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>9/11/2009</b>		RunNo: <b>126873</b>			
Client ID: <b>P1-F5-F(20)MS</b>		Batch ID: <b>55405</b>		<b>SW3550B</b>		Analysis Date: <b>9/16/2009</b>		SeqNo: <b>2384579</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	2.19	0.542	3.607	0	60.6	35.7	100				
Hexachloroethane	2.21	0.542	3.607	0	61.1	38.9	89.9				
m,p-Cresol	1.35	0.542	1.809	0	74.5	37.6	93.7				
Nitrobenzene	2.41	0.542	3.607	0	66.9	51.8	104				
N-Nitroso-di-n-propylamine	1.31	0.542	1.809	0	72.4	45.5	99.1				
o-Cresol	1.30	0.542	1.809	0	71.8	43	101				
Pentachlorophenol	2.39	2.17	3.607	0	66.4	18.5	113				
Phenol	2.81	0.379	3.607	0.2059	72.2	20.8	110				
Pyridine	1.78	0.542	3.607	0	49.4	3.61	74.3				
Surr: 2-Fluorobiphenyl	0.624		0.9045		68.9	34.1	116				
Surr: Nitrobenzene-d5	0.494		0.9045		54.6	34.1	101				
Surr: p-Terphenyl-d14	0.842		0.9045		93.1	41.7	124				

Sample ID: <b>09090415-003AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>9/11/2009</b>		RunNo: <b>126873</b>			
Client ID: <b>P1-F5-F(20)MSD</b>		Batch ID: <b>55405</b>		<b>SW3550B</b>		Analysis Date: <b>9/16/2009</b>		SeqNo: <b>2384580</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.40	0.567	1.894	0	73.7	35.9	102	1.301	7.06	40	
1,4-Dichlorobenzene	0.954	0.567	1.894	0	50.3	29.8	95.5	1.117	15.8	40	
2,4,5-Trichlorophenol	2.91	0.397	3.776	0	77.0	38.6	123	2.631	10.0	40	
2,4,6-Trichlorophenol	2.92	0.397	3.776	0	77.3	35.9	123	2.509	15.2	40	
2,4-Dimethylphenol	2.68	0.567	3.776	0	70.9	38.3	88	2.530	5.61	40	
2,4-Dinitrophenol	2.97	1.13	3.776	0	78.8	1.88	162	2.212	29.4	40	
2,4-Dinitrotoluene	1.52	0.397	1.894	0	80.2	37.5	107	1.369	10.3	40	
2-Chlorophenol	2.82	0.567	3.776	0	74.6	22.6	108	2.615	7.43	40	
2-Methylnaphthalene	0.39	0.397	0	0.1685	0	0	0	0.1377	0	0	J
4-Chloro-3-methylphenol	3.23	0.567	3.776	0	85.5	19.3	131	2.881	11.4	40	
4-Nitrophenol	3.28	0.397	3.776	0	86.8	27.6	123	2.714	18.8	40	
Diethyl phthalate	3.05	0.567	3.776	0	80.9	51.7	106	2.720	11.5	40	
Dimethyl phthalate	2.74	0.397	3.776	0	72.6	58.8	104	2.689	1.90	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>09090415-003AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>9/11/2009</b>		RunNo: <b>126873</b>			
Client ID: <b>P1-F5-F(20)MSD</b>		Batch ID: <b>55405</b>		<b>SW3550B</b>		Analysis Date: <b>9/16/2009</b>		SeqNo: <b>2384580</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Di-n-butyl phthalate	1.66	0.397	1.894	0	87.6	54.3	105	1.496	10.3	40	
Hexachlorobenzene	2.95	0.397	3.776	0	78.2	55.9	106	2.627	11.6	40	
Hexachlorobutadiene	2.29	0.567	3.776	0	60.7	35.7	100	2.186	4.83	40	
Hexachloroethane	1.92	0.567	3.776	0	50.7	38.9	89.9	2.205	14.0	40	
m,p-Cresol	1.47	0.567	1.894	0	77.7	37.6	93.7	1.348	8.73	40	
Nitrobenzene	2.34	0.567	3.776	0	62.0	51.8	104	2.413	3.08	40	
N-Nitroso-di-n-propylamine	1.35	0.567	1.894	0	71.5	45.5	99.1	1.309	3.43	40	
o-Cresol	1.40	0.567	1.894	0	74.1	43	101	1.298	7.78	40	
Pentachlorophenol	3.03	2.27	3.776	0	80.2	18.5	113	2.393	23.5	40	
Phenol	3.00	0.397	3.776	0.2059	74.0	20.8	110	2.811	6.54	40	
Pyridine	1.40	0.567	3.776	0	37.0	3.61	74.3	1.783	24.1	40	
Surr: 2-Fluorobiphenyl	0.701		0.9469		74.1	34.1	116		0	40	
Surr: Nitrobenzene-d5	0.522		0.9469		55.1	34.1	101		0	40	
Surr: p-Terphenyl-d14	0.885		0.9469		93.5	41.7	124		0	40	

Sample ID: <b>MB-55411</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>9/11/2009</b>		RunNo: <b>126868</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>55411</b>		<b>SW3550B</b>		Analysis Date: <b>9/15/2009</b>		SeqNo: <b>2384432</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	ND	0.003									
Benzo(a)pyrene	ND	0.003									
Benzo(b)fluoranthene	ND	0.003									
Benzo(g,h,i)perylene	ND	0.003									
Benzo(k)fluoranthene	ND	0.003									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	ND	0.003									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>MB-55411</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/11/2009</b>	RunNo: <b>126868</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55411</b>	<b>SW3550B</b>	Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2384432</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
Naphthalene	0.006	0.003									
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.526		0.8330		63.1	17.5	123				
Surr: Nitrobenzene-d5	0.495		0.8330		59.4	35	105				
Surr: p-Terphenyl-d14	0.587		0.8330		70.5	53.6	122				

Sample ID: <b>LCS-55411</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/11/2009</b>	RunNo: <b>126868</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55411</b>	<b>SW3550B</b>	Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2384433</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.100	0.003	0.1670	0	59.6	56.3	115				
Acenaphthylene	0.106	0.003	0.1670	0	63.5	60.3	143				
Anthracene	0.095	0.003	0.1670	0	56.8	52.1	109				
Benzo(a)anthracene	0.099	0.003	0.1670	0	59.0	52.8	112				
Benzo(a)pyrene	0.104	0.003	0.1670	0	62.5	40.8	127				
Benzo(b)fluoranthene	0.115	0.003	0.1670	0	69.0	50.1	150				
Benzo(g,h,i)perylene	0.116	0.003	0.1670	0	69.5	52.8	145				
Benzo(k)fluoranthene	0.121	0.003	0.1670	0	72.3	52	153				
Bis(2-ethylhexyl)phthalate	0.120	0.067	0.1670	0	72.1	50	150				
Chrysene	0.116	0.003	0.1670	0	69.2	60.8	128				
Dibenzo(a,h)anthracene	0.115	0.003	0.1670	0	68.6	54.9	150				
Fluoranthene	0.107	0.003	0.1670	0	64.3	58.7	125				
Fluorene	0.106	0.003	0.1670	0	63.2	57.8	125				
Indeno(1,2,3-cd)pyrene	0.114	0.003	0.1670	0	68.2	52	147				
Naphthalene	0.076	0.003	0.1670	0	45.2	54.8	113				BS
Phenanthrene	0.102	0.003	0.1670	0	61.0	60.4	121				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>LCS-55411</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/11/2009</b>	RunNo: <b>126868</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>55411</b>	<b>SW3550B</b>	Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2384433</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	0.110	0.003	0.1670	0	66.0	57.9	129				
Surr: 2-Fluorobiphenyl	0.546		0.8330		65.6	35.3	113				
Surr: Nitrobenzene-d5	0.516		0.8330		61.9	33.9	108				
Surr: p-Terphenyl-d14	0.574		0.8330		68.9	58.4	122				

Sample ID: <b>09090415-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/11/2009</b>	RunNo: <b>126868</b>
Client ID: <b>P1-H3.5-F(20)MS</b>	Batch ID: <b>55411</b>	<b>SW3550B</b>	Analysis Date: <b>9/16/2009</b>	SeqNo: <b>2384454</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.168	0.004	0.1849	0.02312	78.4	36	135				
Acenaphthylene	0.340	0.004	0.1849	0.05875	152.4	17.2	167				
Anthracene	0.196	0.004	0.1849	0.02883	90.4	39.3	124				
Benzo(a)anthracene	0.149	0.004	0.1849	0.02016	69.7	10	183				
Benzo(a)pyrene	0.157	0.004	0.1849	0.01823	75.3	10	204				
Benzo(b)fluoranthene	0.150	0.004	0.1849	0.01491	73.0	10.6	178				
Benzo(g,h,i)perylene	0.141	0.004	0.1849	0.009344	71.1	10	168				
Benzo(k)fluoranthene	0.131	0.004	0.1849	0.005032	68.2	27.6	181				
Bis(2-ethylhexyl)phthalate	0.127	0.074	0.1849	0	68.8	50	150				
Chrysene	0.164	0.004	0.1849	0.02085	77.6	10	176				
Dibenzo(a,h)anthracene	0.122	0.004	0.1849	0	66.0	12.2	156				
Fluoranthene	0.224	0.004	0.1849	0.04173	98.4	10	227				
Fluorene	0.273	0.004	0.1849	0.04786	121.6	35.2	148				
Indeno(1,2,3-cd)pyrene	0.135	0.004	0.1849	0.006696	69.6	10	164				
Naphthalene	1.68	0.004	0.1849	0.6083	577.3	14.7	128				BS
Phenanthrene	0.473	0.004	0.1849	0.1073	197.9	32.8	143				S
Pyrene	0.274	0.004	0.1849	0.06083	115.4	10	180				
Surr: 2-Fluorobiphenyl	0.473		0.9221		51.3	10	131				
Surr: Nitrobenzene-d5	0.473		0.9221		51.3	10	132				
Surr: p-Terphenyl-d14	0.607		0.9221		65.9	30.6	131				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>09090415-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>9/11/2009</b>		RunNo: <b>126868</b>			
Client ID: <b>P1-H3.5-F(20)MSD</b>		Batch ID: <b>55411</b>		<b>SW3550B</b>		Analysis Date: <b>9/16/2009</b>		SeqNo: <b>2384455</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.149	0.004	0.1873	0.02312	67.1	36	135	0.1680	12.2	49.7	
Acenaphthylene	0.240	0.004	0.1873	0.05875	96.8	17.2	167	0.3405	34.6	33.3	R
Anthracene	0.185	0.004	0.1873	0.02883	83.5	39.3	124	0.1960	5.65	51.1	
Benzo(a)anthracene	0.157	0.004	0.1873	0.02016	72.8	10	183	0.1491	4.89	40.6	
Benzo(a)pyrene	0.172	0.004	0.1873	0.01823	81.9	10	204	0.1574	8.67	56.4	
Benzo(b)fluoranthene	0.157	0.004	0.1873	0.01491	76.1	10.6	178	0.1498	4.92	49.7	
Benzo(g,h,i)perylene	0.145	0.004	0.1873	0.009344	72.3	10	168	0.1407	2.77	36.5	
Benzo(k)fluoranthene	0.141	0.004	0.1873	0.005032	72.4	27.6	181	0.1311	6.98	42.6	
Bis(2-ethylhexyl)phthalate	0.126	0.075	0.1873	0	67.3	50	150	0.1273	0.940	60.3	
Chrysene	0.175	0.004	0.1873	0.02085	82.4	10	176	0.1643	6.39	45.1	
Dibenzo(a,h)anthracene	0.123	0.004	0.1873	0	65.9	12.2	156	0.1220	1.23	39.9	
Fluoranthene	0.234	0.004	0.1873	0.04173	102.9	10	227	0.2236	4.71	66.2	
Fluorene	0.217	0.004	0.1873	0.04786	90.2	35.2	148	0.2726	22.9	65.6	
Indeno(1,2,3-cd)pyrene	0.137	0.004	0.1873	0.006696	69.8	10	164	0.1354	1.42	36.5	
Naphthalene	0.787	0.004	0.1873	0.6083	95.5	14.7	128	1.675	72.2	39.6	BR
Phenanthrene	0.409	0.004	0.1873	0.1073	161.1	32.8	143	0.4732	14.6	35.4	S
Pyrene	0.289	0.004	0.1873	0.06083	122.1	10	180	0.2741	5.47	60.1	
Surr: 2-Fluorobiphenyl	0.464		0.9341		49.7	10	131		0	40	
Surr: Nitrobenzene-d5	0.520		0.9341		55.6	10	132		0	40	
Surr: p-Terphenyl-d14	0.626		0.9341		67.0	30.6	131		0	40	

Sample ID: <b>MB-55405</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>9/11/2009</b>		RunNo: <b>126818</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>55405</b>		<b>SW3550B</b>		Analysis Date: <b>9/14/2009</b>		SeqNo: <b>2383072</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.0340									
Acenaphthylene	ND	0.0340									
Anthracene	ND	0.0340									
Benzo(a)pyrene	ND	0.0340									
Benzo(b)fluoranthene	ND	0.0340									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: **SW8270C**

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>MB-55405</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>9/11/2009</b>		RunNo: <b>126818</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>55405</b>		<b>SW3550B</b>		Analysis Date: <b>9/14/2009</b>		SeqNo: <b>2383072</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	ND	0.0340									
Benzo(k)fluoranthene	ND	0.0340									
Chrysene	ND	0.0340									
Dibenzo(a,h)anthracene	ND	0.0340									
Fluoranthene	ND	0.0340									
Fluorene	ND	0.0340									
Indeno(1,2,3-cd)pyrene	ND	0.0340									
Naphthalene	ND	0.0340									
Phenanthrene	ND	0.0340									
Pyrene	ND	0.0340									
Surr: 2-Fluorobiphenyl	0.663		0.8350		79.4	46.3	106				
Surr: Nitrobenzene-d5	0.620		0.8350		74.2	42.4	99.2				
Surr: p-Terphenyl-d14	0.708		0.8350		84.8	45.5	115				

Sample ID: <b>LCS-55405</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>9/11/2009</b>		RunNo: <b>126818</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>55405</b>		<b>SW3550B</b>		Analysis Date: <b>9/14/2009</b>		SeqNo: <b>2383073</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.10	0.0340	1.670	0	66.1	50.8	113				
Acenaphthylene	1.30	0.0340	1.670	0	77.8	52.8	121				
Anthracene	1.21	0.0340	1.670	0	72.3	53.3	115				
Benzo(a)pyrene	1.15	0.0340	1.670	0	69.1	58.2	109				
Benzo(b)fluoranthene	1.15	0.0340	1.670	0	68.9	51.8	107				
Benzo(g,h,i)perylene	1.13	0.0340	1.670	0	67.7	49.6	121				
Benzo(k)fluoranthene	1.32	0.0340	1.670	0	79.0	63.1	129				
Chrysene	1.23	0.0340	1.670	0	73.9	58.4	115				
Dibenzo(a,h)anthracene	1.17	0.0340	1.670	0	70.1	54.9	120				
Fluoranthene	1.23	0.0340	1.670	0	73.8	61.6	113				
Fluorene	1.17	0.0340	1.670	0	70.3	52.2	116				
Indeno(1,2,3-cd)pyrene	1.21	0.0340	1.670	0	72.2	52.7	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW8270C

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>LCS-55405</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/11/2009</b>	RunNo: <b>126818</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55405</b>	<b>SW3550B</b>	Analysis Date: <b>9/14/2009</b>	SeqNo: <b>2383073</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	0.956	0.0340	1.670	0	57.2	45.7	101				
Phenanthrene	1.24	0.0340	1.670	0	74.3	52.9	113				
Pyrene	1.17	0.0340	1.670	0	70.1	60.7	115				
Surr: 2-Fluorobiphenyl	0.660		0.8350		79.1	46.3	106				
Surr: Nitrobenzene-d5	0.639		0.8350		76.5	42.4	99.2				
Surr: p-Terphenyl-d14	0.594		0.8350		71.1	45.5	115				

Sample ID: <b>LCSDRO-55405</b>	SampType: <b>LCS</b>	Units: <b>%REC</b>	Prep Date: <b>9/11/2009</b>	RunNo: <b>126818</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>55405</b>	<b>SW3550B</b>	Analysis Date: <b>9/14/2009</b>	SeqNo: <b>2383074</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.668		0.8350		80.0	46.3	106				
Surr: Nitrobenzene-d5	0.627		0.8350		75.1	42.4	99.2				
Surr: p-Terphenyl-d14	0.756		0.8350		90.6	45.5	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 62403053

Test Number: SW9012B (TCN) Solid

Lab Order: 09090415

Report Date: 18-Sep-09

Sample ID: <b>MB-R126845</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>126845</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126845</b>		Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2383735</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide < 0.01 0.01

Sample ID: <b>LCS-R126845</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>126845</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R126845</b>		Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2383736</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.09 0.01 0.1000 0 90.6 90 110

Sample ID: <b>09090415-001CMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>126845</b>							
Client ID: <b>P1-H3.5-F(20)MS</b>	Batch ID: <b>R126845</b>		Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2383758</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 2.84 0.56 2.811 0 101.0 75 125

Sample ID: <b>09090415-001CMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>126845</b>							
Client ID: <b>P1-H3.5-F(20)MSD</b>	Batch ID: <b>R126845</b>		Analysis Date: <b>9/15/2009</b>	SeqNo: <b>2383759</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 3.01 0.56 2.811 0 106.9 75 125 2.838 5.73 15

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 62403053

**Lab Order:** 09090415

**Report Date:** 18-Sep-09

Carrier: Sean Spinner

Received By: EAH

Completed by:



Reviewed by:



On:

On:

11-Sep-09

Elizabeth A. Hurley

11-Sep-09

Heather A. White

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 2.8
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"/>		
<div style="border: 1px solid black; padding: 2px;"><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></div>				
Water - VOA 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.

